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ESTIMATES OF SULFUR OXIDE EMISSIONS FROM THE ELECTRIC UTILITY INDUSTRY

VOLUME II - DATABOOK

by

E.H. Pechan & Associates, Inc.
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This report was prepared as part of the Electric Utility Analysis Project, a research project supported by the Environmental Protection Agency. The objective of the report is to provide detailed information on emissions of sulfur oxides (SO_x) in the atmosphere from electric generating plants over the period, 1976-1980. Annual emissions estimates for all generating plants were calculated using fuel use, fuel quality and plant configuration data from several sources. The analysis of yearly emissions from 1976-1980 show a gradual reduction in emissions from the utility industry of about 7.7 percent. The reductions are attributed to use of cleaner coals and increased use of SO_2 scrubbers. Analysis also shows that a subset of plants with high emissions account for a substantial share of industry capacity and coal use. Approximately 10% of the plants produced roughly 85% of the SO_x emissions and account for 50% of total capacity.

Volume I presents a summary of fuel use and emissions information as well as results of analyses of the data. Volume II presents selected statistics for the 237 plants which were the largest emitters of SO_x during the 1976-1980 period.

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CONTENTS

Page

I. INTRODUCTION.. 1

II. PLANT DATA.. 3

III. THE UTILITY FUEL QUALITY AND USE DATABASE........................ 243

APPENDICES: DIRECTORIES OF THE 200 LARGEST SO_2 EMITTERS (1976-1980)

A. ALPHABETIC INDEX OF PLANTS.................................. A-1
B. INDEX OF PLANTS BY STATE.................................... A-7
C. INDEX OF PLANTS BY FORM 4 RESPONDING ENTITY................... A-17

SECTION I

INTRODUCTION

The purpose of this report is to provide detailed and definitive information on emissions of sulfur oxides into the atmosphere from generating plants operated by the electric utility industry over the period from 1976 through 1980. To provide the needed information, a detailed database at the individual plant level of detail was used. Analyses based on this database are presented at the plant level. These analyses also are aggregated to state or national totals.

The major products of this study are the database developed for this report and the resulting analyses. In addition to sulfur oxide emissions, the database contains power generation statistics and information on quantity and quality of fuels used.

This is Volume II of a two-volume report. Section II contains selected statistics for the 237 plants that emitted the most sulfur oxides during the period 1976 through 1980. Section III describes the contents of the full database.

The companion volume, Volume I, Summary and Analysis, presents selected statistics for the highest emitting plants as well as all plants.

SECTION II

PLANT DATA

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DATA FOR THE 200 LARGEST SO2 EMITTERS (1976-1980)

PLANT: GAVIN
1980 SO2 RANK 1
STATE: OHIO
ORIS CODE 54028 8102

	1976	1977	1978	1979	1980
SO2 EMISSIONS:					
TOTAL (1000 TONS)	306.8	248.2	277.3	354.5	376.4
COAL (1000 TONS)	306.8	248.1	277.0	354.4	376.3
OIL (1000 TONS)	0.0	0.1	0.3	0.1	0.1
GAS (1000 TONS)	0.0	0.0	0.0	0.0	0.0
SCRUBBER OPERATING?	NO	NO	NO	NO	NO
SO2 REM. (1000 TONS)	0.0	0.0	0.0	0.0	0.0
SO2 EMISSIONS RANK	5	9	5	3	1
FUEL USED:					
COAL (1000 TONS)	7426.4	7562.2	8147.3	8206.4	7766.9
OIL (1000 BBLS)	30.4	31.1	159.3	37.5	42.1
GAS (1000 MCF)	0.0	0.0	0.0	0.0	0.0
FUEL HEAT VALUE (10**12 BTU):					
COAL	147.5	142.2	149.0	152.1	146.1
OIL	0.2	0.2	1.0	0.2	0.3
GAS	.	.	.	.	.
TOTAL	147.7	142.4	150.0	152.4	146.4
GENERATION (TWHRS)	15.2	14.4	14.7	15.2	14.7
HEAT RATE (BTU/KWHR)	9730	9930	10160	10000	9970
TOTAL CAPACITY (MW)	2600.0	2600.0	2600.0	2600.0	2600.0
CAPACITY FACTOR	0.66	0.63	0.65	0.67	0.64
FUEL QUALITY:					
COAL SULFUR (%)	2.43	1.93	2.00	2.54	2.85
COAL HEAT (BTU/LB)	9931	9405	9146	9268	9406
COAL ASH (%)	15.15	13.29	12.73	15.26	16.16
OIL SULFUR (%)	0.38	0.59	0.57	0.86	0.54

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                 DATA FOR THE 200 LARGEST SO2 EMITTERS (1976-1980)


PLANT:  CUMBERLAND
1980 SO2 RANK  2
STATE: TENNESSEE
ORIS CODE  52987 3399

                             1976       1977       1978       1979       1980


SO2 EMISSIONS:
  TOTAL (1000 TONS)  373.3      338.5      316.2      316.6      356.8
  COAL (1000 TONS)   373.3      338.5      316.2      316.6      356.5
  OIL (1000 TONS)      0.0        0.0        0.0        0.0        0.3
  GAS (1000 TONS)      0.0        0.0        0.0        0.0        0.0

SCRUBBER OPERATING?     NO         NO         NO         NO         NO
SO2 REM. (1000 TONS)   0.0        0.0        0.0        0.0        0.0

SO2 EMISSIONS RANK       2          2          2          4          2


FUEL USED:
  COAL (1000 TONS)  5183.4     4815.0     4768.4     4886.5     5043.3
  OIL (1000 BBLS)      0.0        0.0        0.0       22.7      103.4
  GAS (1000 MCF)       0.0        0.0        0.0        0.0        0.0


FUEL HEAT VALUE (10**12 BTU):
  COAL               109.6      101.2      102.0      106.9      108.4
  OIL                  .          .          .          0.1        0.6
  GAS                  .          .          .          .          .

  TOTAL              109.6      101.2      102.0      107.1      109.0


GENERATION (TWHRS)    10.9        9.9        9.9       10.5       10.9


HEAT RATE (BTU/KWHR) 10070      10240      10310      10220      10000


TOTAL CAPACITY (MW) 2600.0     2600.0     2600.0     2600.0     2600.0


CAPACITY FACTOR       0.48       0.43       0.43       0.46       0.48


FUEL QUALITY:
  COAL SULFUR (%)     3.79       3.70       3.49       3.41       3.72
  COAL HEAT (BTU/LB) 10573      10510      10695      10942      10743
  COAL ASH (%)       17.14      17.39      16.18      14.41      16.16
  OIL SULFUR (%)       .          .          .          0.50       0.50
```

DATA FOR THE 200 LARGEST SO2 EMITTERS (1976-1980)

PLANT: PARADISE
1980 SO2 RANK 3
STATE: KENTUCKY
ORIS CODE 52987 1378

	1976	1977	1978	1979	1980
SO2 EMISSIONS:					
TOTAL (1000 TONS)	459.6	364.4	425.5	410.6	342.7
COAL (1000 TONS)	459.6	364.4	425.5	410.6	342.5
OIL (1000 TONS)	0.0	0.0	0.0	0.0	0.1
GAS (1000 TONS)	0.0	0.0	0.0	0.0	0.0
SCRUBBER OPERATING?	NO	NO	NO	NO	NO
SO2 REM. (1000 TONS)	0.0	0.0	0.0	0.0	0.0
SO2 EMISSIONS RANK	1	1	1	1	3
FUEL USED:					
COAL (1000 TONS)	5573.4	4408.4	5124.5	4967.4	4634.6
OIL (1000 BBLS)	0.0	0.0	0.0	15.4	43.8
GAS (1000 MCF)	0.0	0.0	0.0	0.0	0.0
FUEL HEAT VALUE (10**12 BTU):					
COAL	116.7	92.7	107.6	104.7	100.1
OIL	.	.	.	0.1	0.3
GAS	.	.	.	.	.
TOTAL	116.7	92.7	107.6	104.7	100.3
GENERATION (TWHRS)	12.1	9.7	11.1	11.1	10.1
HEAT RATE (BTU/KWHR)	9630	9600	9680	9470	9950
TOTAL CAPACITY (MW)	2558.0	2558.0	2558.0	2558.0	2558.0
CAPACITY FACTOR	0.54	0.43	0.50	0.49	0.45
FUEL QUALITY:					
COAL SULFUR (%)	4.34	4.35	4.37	4.35	3.89
COAL HEAT (BTU/LB)	10469	10515	10497	10534	10795
COAL ASH (%)	17.47	17.38	16.79	17.02	16.04
OIL SULFUR (%)	.	.	.	0.50	0.50

DATA FOR THE 200 LARGEST SO2 EMITTERS (1976-1980)

PLANT: GIBSON STATION
1980 SO2 RANK 4
STATE: INDIANA
ORIS CODE 52410 6113

	1976	1977	1978	1979	1980
SO2 EMISSIONS:					
TOTAL (1000 TONS)	76.8	89.1	190.7	289.0	305.6
COAL (1000 TONS)	76.8	89.0	190.5	288.8	305.4
OIL (1000 TONS)	0.0	0.1	0.2	0.1	0.3
GAS (1000 TONS)	0.0	0.0	0.0	0.0	0.0
SCRUBBER OPERATING?	NO	NO	NO	NO	NO
SO2 REM. (1000 TONS)	0.0	0.0	0.0	0.0	0.0
SO2 EMISSIONS RANK	68	61	14	7	4
FUEL USED:					
COAL (1000 TONS)	2479.6	2821.8	3826.4	5296.4	5844.4
OIL (1000 BBLS)	46.2	79.4	171.8	142.8	81.9
GAS (1000 MCF)	0.0	0.0	0.0	0.0	0.0
FUEL HEAT VALUE (10**12 BTU):					
COAL	54.9	62.9	82.5	113.4	124.5
OIL	0.3	0.5	1.0	0.8	0.5
GAS	*	*	*	*	*
TOTAL	55.2	63.3	83.5	114.2	125.0
GENERATION (TWHRS)	5.7	6.2	8.2	11.4	12.4
HEAT RATE (BTU/KWHR)	9740	10190	10170	10060	10070
TOTAL CAPACITY (MW)	1099.0	1336.0	1894.0	2562.0	2672.0
CAPACITY FACTOR	0.59	0.53	0.50	0.51	0.53
FUEL QUALITY:					
COAL SULFUR (%)	1.63	1.66	2.62	2.87	2.75
COAL HEAT (BTU/LB)	11072	11143	10786	10706	10652
COAL ASH (%)	11.39	11.00	13.04	10.97	10.77
OIL SULFUR (%)	0.30	0.30	0.30	0.30	0.30

DATA FOR THE 200 LARGEST SO2 EMITTERS (1976-1980)

PLANT: CLIFTY CREEK
1980 SO2 RANK 5
STATE: INDIANA
ORIS CODE 54010 983

	1976	1977	1978	1979	1980
SO2 EMISSIONS:					
TOTAL (1000 TONS)	285.5	287.7	259.1	290.7	288.2
COAL (1000 TONS)	285.5	287.7	259.1	290.7	288.2
OIL (1000 TONS)	0.0	0.0	0.0	0.0	0.0
GAS (1000 TONS)	0.0	0.0	0.0	0.0	0.0
SCRUBBER OPERATING?	NO	NO	NO	NO	NO
SO2 REM. (1000 TONS)	0.0	0.0	0.0	0.0	0.0
SO2 EMISSIONS RANK	9	5	6	6	5
FUEL USED:					
COAL (1000 TONS)	4329.8	3974.5	3598.2	3873.2	4098.9
OIL (1000 BBLS)	0.0	5.0	7.9	9.0	6.5
GAS (1000 MCF)	0.0	0.0	0.0	0.0	0.0
FUEL HEAT VALUE (10**12 BTU):					
COAL	94.0	85.5	75.1	84.9	90.1
OIL	.	0.0	0.0	0.1	0.0
GAS	.	.	.	.	.
TOTAL	94.0	85.5	75.1	84.9	90.1
GENERATION (TWHRS)	10.1	9.2	8.2	8.7	9.3
HEAT RATE (BTU/KWHR)	9280	9280	9160	9740	9740
TOTAL CAPACITY (MW)	1304.0	1304.0	1304.0	1304.0	1304.0
CAPACITY FACTOR	0.89	0.81	0.72	0.76	0.81
FUEL QUALITY:					
COAL SULFUR (%)	3.47	3.81	3.79	3.95	3.70
COAL HEAT (BTU/LB)	10860	10750	10434	10954	10985
COAL ASH (%)	12.34	13.94	13.83	13.20	13.03
OIL SULFUR (%)	.	0.34	0.37	0.32	0.30

DATA FOR THE 200 LARGEST SO2 EMITTERS (1976-1980)

PLANT: BALDWIN
1980 SO2 RANK 6
STATE: ILLINOIS
ORIS CODE 51385 889

	1976	1977	1978	1979	1980
SO2 EMISSIONS:					
TOTAL (1000 TONS)	268.6	237.4	249.3	284.4	259.3
COAL (1000 TONS)	268.5	237.4	249.2	284.3	259.2
OIL (1000 TONS)	0.1	0.0	0.1	0.1	0.1
GAS (1000 TONS)	0.0	0.0	0.0	0.0	0.0
SCRUBBER OPERATING?	NO	NO	NO	NO	NO
SO2 REM. (1000 TONS)	0.0	0.0	0.0	0.0	0.0
SO2 EMISSIONS RANK	11	12	8	8	6
FUEL USED:					
COAL (1000 TONS)	4709.7	4249.8	4538.1	5160.3	4671.8
OIL (1000 BBLS)	56.1	49.6	47.6	33.2	24.8
GAS (1000 MCF)	0.0	0.0	0.0	0.0	0.0
FUEL HEAT VALUE (10**12 BTU):					
COAL	100.4	89.4	95.1	109.2	100.5
OIL	0.3	0.3	0.3	0.2	0.2
GAS	.	.	.	.	.
TOTAL	100.8	89.7	95.3	109.4	100.7
GENERATION (TWHRS)	10.4	9.2	9.5	11.1	10.2
HEAT RATE (BTU/KWHR)	9700	9730	10000	9890	9850
TOTAL CAPACITY (MW)	1892.0	1892.0	1892.0	1892.0	1892.0
CAPACITY FACTOR	0.63	0.56	0.57	0.67	0.61
FUEL QUALITY:					
COAL SULFUR (%)	3.00	2.94	2.89	2.90	2.92
COAL HEAT (BTU/LB)	10664	10514	10473	10585	10759
COAL ASH (%)	10.93	11.50	11.64	11.10	10.52
OIL SULFUR (%)	0.52	0.29	0.53	0.60	0.66

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            DATA FOR THE 200 LARGEST SO2 EMITTERS (1976-1980)


PLANT:  BOWEN
1980 SO2 RANK  7
STATE: GEORGIA
ORIS CODE  51100 703

                             1976      1977      1978      1979      1980


SO2 EMISSIONS:
  TOTAL (1000 TONS)         225.1     241.8     206.7     222.3     248.1
  COAL (1000 TONS)          225.0     241.7     206.6     222.2     247.9
  OIL (1000 TONS)             0.1       0.1       0.1       0.1       0.2
  GAS (1000 TONS)             0.0       0.0       0.0       0.0       0.0

SCRUBBER OPERATING?            NO        NO        NO        NO        NO
SO2 REM. (1000 TONS)          0.0       0.0       0.0       0.0       0.0

SO2 EMISSIONS RANK             14        10        12        11         7


FUEL USED:
  COAL (1000 TONS)         5240.8    6235.2    5783.9    6059.2    7208.9
  OIL (1000 BBLS)           200.5     245.1     207.0     127.0      62.3
  GAS (1000 MCF)              0.0       0.0       0.0       0.0       0.0


FUEL HEAT VALUE (10**12 BTU):
  COAL                      124.1     148.2     138.3     144.6     174.0
  OIL                         1.1       1.4       1.2       0.7       0.4
  GAS
                               .         .         .         .         .

  TOTAL                     125.2     149.6     139.5     145.3     174.4


GENERATION (TWHRS)           12.9      15.1      13.8      14.5      17.7


HEAT RATE (BTU/KWHR)         9740      9920     10080     10050      9860


TOTAL CAPACITY (MW)        3540.0    3540.0    3540.0    3540.0    3540.0


CAPACITY FACTOR              0.41      0.49      0.45      0.47      0.57


FUEL QUALITY:
  COAL SULFUR (%)            2.26      2.04      1.88      1.93      1.81
  COAL HEAT (BTU/LB)        11838     11881     11958     11932     12070
  COAL ASH (%)              10.40     10.62     11.18     11.30     10.94
  OIL SULFUR (%)             0.16      0.17      0.16      0.16      0.17
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DATA FOR THE 200 LARGEST SO2 EMITTERS (1976-1980)

PLANT: MUSKINGUM
1980 SO2 RANK 8
STATE: OHIO
ORIS CODE 54028 2872

	1976	1977	1978	1979	1980
SO2 EMISSIONS:					
TOTAL (1000 TONS)	336.8	326.9	312.9	375.0	244.0
COAL (1000 TONS)	336.7	326.9	312.8	375.0	243.8
OIL (1000 TONS)	0.0	0.0	0.1	0.1	0.2
GAS (1000 TONS)	0.0	0.0	0.0	0.0	0.0
SCRUBBER OPERATING?	NO	NO	NO	NO	NO
SO2 REM. (1000 TONS)	0.0	0.0	0.0	0.0	0.0
SO2 EMISSIONS RANK	3	4	3	2	8
FUEL USED:					
COAL (1000 TONS)	3509.5	3723.6	3518.0	3802.5	2820.4
OIL (1000 BBLS)	13.3	21.9	35.1	25.6	50.3
GAS (1000 MCF)	0.0	0.0	0.0	0.0	0.0
FUEL HEAT VALUE (10**12 BTU):					
COAL	71.6	77.5	73.3	80.0	63.1
OIL	0.1	0.1	0.2	0.2	0.3
GAS	.	.	.	.	.
TOTAL	71.7	77.6	73.5	80.1	63.4
GENERATION (TWHRS)	7.5	8.1	7.5	8.2	6.4
HEAT RATE (BTU/KWHR)	9550	9610	9750	9770	9960
TOTAL CAPACITY (MW)	1530.0	1530.0	1530.0	1530.0	1530.0
CAPACITY FACTOR	0.56	0.60	0.56	0.61	0.47
FUEL QUALITY:					
COAL SULFUR (%)	5.05	4.62	4.68	5.19	4.55
COAL HEAT (BTU/LB)	10197	10407	10416	10513	11187
COAL ASH (%)	20.49	18.65	19.23	19.39	13.37
OIL SULFUR (%)	0.38	0.59	0.57	0.86	0.54

DATA FOR THE 200 LARGEST SO2 EMITTERS (1976-1980)

PLANT: LABADIE
1980 SO2 RANK 9
STATE: MISSOURI
ORIS CODE 52997 2103

	1976	1977	1978	1979	1980
SO2 EMISSIONS:					
TOTAL (1000 TONS)	319.4	286.9	251.8	249.2	237.2
COAL (1000 TONS)	319.3	286.6	251.4	249.1	236.9
OIL (1000 TONS)	0.2	0.3	0.4	0.2	0.2
GAS (1000 TONS)	0.0	0.0	0.0	0.0	0.0
SCRUBBER OPERATING?	NO	NO	NO	NO	NO
SO2 REM. (1000 TONS)	0.0	0.0	0.0	0.0	0.0
SO2 EMISSIONS RANK	4	6	7	9	9
FUEL USED:					
COAL (1000 TONS)	5638.5	5255.3	5583.1	5626.2	5110.5
OIL (1000 BBLS)	140.4	224.2	291.3	156.9	68.3
GAS (1000 MCF)	0.0	0.0	0.0	0.0	0.0
FUEL HEAT VALUE (10**12 BTU):					
COAL	125.3	116.8	122.7	124.5	113.7
OIL	0.8	1.3	1.7	0.9	0.4
GAS	.	.	.	.	.
TOTAL	126.1	118.1	124.4	125.4	114.0
GENERATION (TWHRS)	12.4	11.6	12.0	12.1	11.1
HEAT RATE (BTU/KWHR)	10140	10180	10330	10370	10230
TOTAL CAPACITY (MW)	2482.0	2482.0	2482.0	2482.0	2482.0
CAPACITY FACTOR	0.57	0.53	0.55	0.56	0.51
FUEL QUALITY:					
COAL SULFUR (%)	2.98	2.87	2.37	2.33	2.44
COAL HEAT (BTU/LB)	11113	11110	10992	11068	11120
COAL ASH (%)	9.96	9.81	9.26	9.15	8.73
OIL SULFUR (%)	0.40	0.39	0.36	0.33	0.36

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                 DATA FOR THE 200 LARGEST SO2 EMITTERS (1976-1980)


        PLANT:  MONROE
        1980 SO2 RANK  10
        STATE: MICHIGAN
        ORIS CODE  50782 1733

                                1976      1977      1978      1979      1980


        SO2 EMISSIONS:
          TOTAL (1000 TONS)    286.0     330.9     281.3     292.3     233.9
          COAL (1000 TONS)     285.6     330.4     280.6     291.9     233.3
          OIL (1000 TONS)        0.3       0.5       0.7       0.4       0.7
          GAS (1000 TONS)        0.0       0.0       0.0       0.0       0.0

        SCRUBBER OPERATING?       NO        NO        NO        NO        NO
        SO2 REM. (1000 TONS)     0.0       0.0       0.0       0.0       0.0

        SO2 EMISSIONS RANK         8         3         4         5        10


        FUEL USED:
          COAL (1000 TONS)    5526.9    6188.6    5768.1    6483.1    6328.2
          OIL (1000 BBLS)      340.0     499.8     704.0     492.8     198.9
          GAS (1000 MCF)         0.0       0.0       0.0       0.0       0.0


        FUEL HEAT VALUE (10**12 BTU):
          COAL                 135.4     154.9     141.4     161.7     161.5
          OIL                    1.9       2.9       4.1       2.8       1.2
          GAS                     .         .         .         .         .

          TOTAL                137.4     157.8     145.4     164.6     162.7


        GENERATION (TWHRS)      14.0      15.6      14.8      16.5      16.3


        HEAT RATE (BTU/KWHR)    9820     10110      9820     10000      9970


        TOTAL CAPACITY (MW)   3293.0    3293.0    3293.0    3293.0    3293.0


        CAPACITY FACTOR         0.48      0.54      0.51      0.57      0.56


        FUEL QUALITY:
          COAL SULFUR (%)       2.72      2.81      2.56      2.37      1.94
          COAL HEAT (BTU/LB)   12252     12518     12253     12475     12763
          COAL ASH (%)         12.21     11.47     11.96     10.91      9.48
          OIL SULFUR (%)        0.30      0.30      0.30      0.23      0.30
```

PLANT: HARRISON
1980 SO2 RANK 11
STATE: WEST VIRGINIA
ORIS CODE 54017 3944

	1976	1977	1978	1979	1980
SO2 EMISSIONS:					
TOTAL (1000 TONS)	261.2	216.4	189.5	159.2	215.0
COAL (1000 TONS)	261.2	216.3	189.5	159.2	214.9
OIL (1000 TONS)	0.0	0.0	0.0	0.0	0.0
GAS (1000 TONS)	0.0	0.0	0.0	0.0	0.0
SCRUBBER OPERATING?	NO	NO	NO	NO	NO
SO2 REM. (1000 TONS)	0.0	0.0	0.0	0.0	0.0
SO2 EMISSIONS RANK	13	17	15	21	11
FUEL USED:					
COAL (1000 TONS)	5129.9	4647.6	4138.6	3223.4	4026.0
OIL (1000 BBLS)	11.8	12.9	21.8	4.7	3.0
GAS (1000 MCF)	82.8	15.9	13.9	69.3	61.8
FUEL HEAT VALUE (10**12 BTU):					
COAL	126.2	111.4	101.4	82.7	106.2
OIL	0.1	0.1	0.1	0.0	0.0
GAS	0.1	0.0	0.0	0.1	0.1
TOTAL	126.3	111.5	101.5	82.8	106.3
GENERATION (TWHRS)	13.2	11.6	10.5	8.6	11.0
HEAT RATE (BTU/KWHR)	9540	9630	9680	9590	9690
TOTAL CAPACITY (MW)	1368.0	2052.0	2052.0	2052.0	2052.0
CAPACITY FACTOR	1.10	0.64	0.58	0.48	0.61
FUEL QUALITY:					
COAL SULFUR (%)	2.68	2.45	2.41	2.60	2.81
COAL HEAT (BTU/LB)	12299	11986	12252	12831	13194
COAL ASH (%)	12.65	13.78	12.46	9.30	7.52
OIL SULFUR (%)	0.28	0.30	0.23	0.30	0.30

DATA FOR THE 200 LARGEST SO2 EMITTERS (1976-1980)

PLANT: WANSLEY
1980 SO2 RANK 12
STATE: GEORGIA
ORIS CODE 51100 6052

	1976	1977	1978	1979	1980
SO2 EMISSIONS:					
TOTAL (1000 TONS)	1.3	61.5	140.2	176.0	209.8
COAL (1000 TONS)	1.3	61.5	140.2	176.0	209.7
OIL (1000 TONS)	0.0	0.0	0.0	0.0	0.1
GAS (1000 TONS)	0.0	0.0	0.0	0.0	0.0
SCRUBBER OPERATING?	NO	NO	NO	NO	NO
SO2 REM. (1000 TONS)	0.0	0.0	0.0	0.0	0.0
SO2 EMISSIONS RANK	502	89	28	17	12
FUEL USED:					
COAL (1000 TONS)	60.0	2129.3	3842.2	4563.2	5063.8
OIL (1000 BBLS)	12.0	51.7	48.6	45.0	24.5
GAS (1000 MCF)	0.0	0.0	0.0	0.0	0.0
FUEL HEAT VALUE (10**12 BTU):					
COAL	1.3	47.5	87.2	103.2	114.1
OIL	0.1	0.3	0.3	0.3	0.1
GAS	.	.	.	.	.
TOTAL	1.4	47.8	87.5	103.4	114.2
GENERATION (TWHRS)	0.1	4.9	9.0	10.9	11.7
HEAT RATE (BTU/KWHR)	10380	9770	9720	9520	9740
TOTAL CAPACITY (MW)	952.0	952.0	1667.0	1904.0	1957.0
CAPACITY FACTOR	0.02	0.59	0.62	0.65	0.68
FUEL QUALITY:					
COAL SULFUR (%)	1.15	1.52	1.92	2.03	2.18
COAL HEAT (BTU/LB)	11032	11163	11353	11303	11262
COAL ASH (%)	8.98	9.96	9.96	9.41	9.76
OIL SULFUR (%)	0.27	0.17	0.02	0.01	0.01

DATA FOR THE 200 LARGEST SO2 EMITTERS (1976-1980)

PLANT: KINCAID
1980 SO2 RANK 13
STATE: ILLINOIS
ORIS CODE 50643 876

	1976	1977	1978	1979	1980
SO2 EMISSIONS:					
TOTAL (1000 TONS)	121.8	182.3	165.7	150.3	205.5
COAL (1000 TONS)	121.8	182.2	165.6	150.2	205.5
OIL (1000 TONS)	0.0	0.0	0.0	0.0	0.0
GAS (1000 TONS)	0.0	0.0	0.0	0.0	0.0
SCRUBBER OPERATING?	NO	NO	NO	NO	NO
SO2 REM. (1000 TONS)	0.0	0.0	0.0	0.0	0.0
SO2 EMISSIONS RANK	37	22	19	26	13
FUEL USED:					
COAL (1000 TONS)	1646.5	2748.8	2362.5	2246.5	3107.9
OIL (1000 BBLS)	17.2	13.0	24.5	18.2	5.4
GAS (1000 MCF)	0.0	0.0	0.0	10.1	62.2
FUEL HEAT VALUE (10**12 BTU):					
COAL	32.2	54.9	47.7	45.6	62.9
OIL	0.1	0.1	0.1	0.1	0.0
GAS	.	.	.	0.0	0.1
TOTAL	32.3	55.0	47.8	45.7	63.0
GENERATION (TWHRS)	3.0	5.1	4.1	4.1	5.7
HEAT RATE (BTU/KWHR)	10870	10700	11650	11270	11020
TOTAL CAPACITY (MW)	1319.0	1319.0	1319.0	1319.0	1319.0
CAPACITY FACTOR	0.26	0.44	0.36	0.35	0.49
FUEL QUALITY:					
COAL SULFUR (%)	4.35	3.90	3.69	3.52	3.48
COAL HEAT (BTU/LB)	9764	9986	10096	10147	10124
COAL ASH (%)	15.69	11.80	11.45	10.26	10.18
OIL SULFUR (%)	0.26	0.22	0.20	0.18	0.24

DATA FOR THE 200 LARGEST SO2 EMITTERS (1976-1980)

PLANT: CONEMAUGH
1980 SO2 RANK 14
STATE: PENNSYLVANIA
ORIS CODE 54025 3118

	1976	1977	1978	1979	1980
SO2 EMISSIONS:					
TOTAL (1000 TONS)	128.6	144.3	149.8	120.1	205.2
COAL (1000 TONS)	128.5	144.3	149.7	120.0	205.0
OIL (1000 TONS)	0.1	0.1	0.1	0.0	0.2
GAS (1000 TONS)	0.0	0.0	0.0	0.0	0.0
SCRUBBER OPERATING?	NO	NO	NO	NO	NO
SO2 REM. (1000 TONS)	0.0	0.0	0.0	0.0	0.0
SO2 EMISSIONS RANK	33	31	23	34	14
FUEL USED:					
COAL (1000 TONS)	2966.8	3217.2	3339.5	2676.7	4385.0
OIL (1000 BBLS)	95.1	104.1	116.1	73.4	65.8
GAS (1000 MCF)	0.0	0.0	0.0	0.0	0.0
FUEL HEAT VALUE (10**12 BTU):					
COAL	69.7	77.7	80.8	65.0	106.8
OIL	0.6	0.6	0.7	0.4	0.4
GAS	.	.	.	.	.
TOTAL	70.2	78.3	81.5	65.4	107.2
GENERATION (TWHRS)	7.3	7.8	7.7	6.4	10.5
HEAT RATE (BTU/KWHR)	9590	10030	10600	10170	10170
TOTAL CAPACITY (MW)	1883.0	1883.0	1883.0	1883.0	1883.0
CAPACITY FACTOR	0.44	0.47	0.47	0.39	0.64
FUEL QUALITY:					
COAL SULFUR (%)	2.28	2.36	2.36	2.36	2.46
COAL HEAT (BTU/LB)	11740	12071	12096	12134	12183
COAL ASH (%)	18.02	16.49	16.47	17.09	15.60
OIL SULFUR (%)	0.23	0.17	0.21	0.19	0.21

DATA FOR THE 200 LARGEST SO2 EMITTERS (1976-1980)

PLANT: KYGER CREEK
1980 SO2 RANK 15
STATE: OHIO
ORIS CODE 52156 2876

	1976	1977	1978	1979	1980
SO2 EMISSIONS:					
TOTAL (1000 TONS)	271.1	253.9	225.3	227.7	202.3
COAL (1000 TONS)	271.1	253.9	225.3	227.7	202.3
OIL (1000 TONS)	0.0	0.0	0.0	0.0	0.0
GAS (1000 TONS)	0.0	0.0	0.0	0.0	0.0
SCRUBBER OPERATING?	NO	NO	NO	NO	NO
SO2 REM. (1000 TONS)	0.0	0.0	0.0	0.0	0.0
SO2 EMISSIONS RANK	10	8	9	10	15
FUEL USED:					
COAL (1000 TONS)	3333.7	3315.3	3009.3	3113.0	2723.1
OIL (1000 BBLS)	0.0	6.8	7.3	7.4	4.4
GAS (1000 MCF)	0.0	0.0	0.0	0.0	0.0
FUEL HEAT VALUE (10**12 BTU):					
COAL	74.1	72.8	66.1	69.7	65.6
OIL	.	0.0	0.0	0.0	0.0
GAS	.	.	.	.	.
TOTAL	74.1	72.8	66.2	69.7	65.6
GENERATION (TWHRS)	7.7	7.6	6.9	7.1	6.7
HEAT RATE (BTU/KWHR)	9560	9530	9540	9750	9750
TOTAL CAPACITY (MW)	1086.0	1086.0	1086.0	1086.0	1086.0
CAPACITY FACTOR	0.81	0.80	0.73	0.75	0.71
FUEL QUALITY:					
COAL SULFUR (%)	4.28	4.03	3.94	3.85	3.91
COAL HEAT (BTU/LB)	11107	10973	10985	11188	12043
COAL ASH (%)	14.91	15.36	14.94	14.17	9.78
OIL SULFUR (%)	.	0.59	0.57	0.86	0.54

DATA FOR THE 200 LARGEST SO2 EMITTERS (1976-1980)

PLANT: CONESVILL
1980 SO2 RANK 16
STATE: OHIO
ORIS CODE 50633 2840

	1976	1977	1978	1979	1980
SO2 EMISSIONS:					
TOTAL (1000 TONS)	205.0	230.0	194.9	200.5	200.8
COAL (1000 TONS)	204.9	229.9	194.6	200.4	200.6
OIL (1000 TONS)	0.1	0.0	0.2	0.1	0.2
GAS (1000 TONS)	0.0	0.0	0.0	0.0	0.0
SCRUBBER OPERATING?	NO	YES	YES	YES	YES
SO2 REM. (1000 TONS)	0.0	55.5	91.0	101.5	101.6
SO2 EMISSIONS RANK	18	15	13	13	16
FUEL USED:					
COAL (1000 TONS)	2461.9	3736.9	3622.3	3644.4	3458.3
OIL (1000 BBLS)	72.1	49.8	204.4	65.0	45.4
GAS (1000 MCF)	0.0	0.0	0.0	0.0	0.0
FUEL HEAT VALUE (10**12 BTU):					
COAL	53.2	81.5	79.7	80.5	77.5
OIL	0.4	0.3	1.2	0.4	0.3
GAS	.	.	.	.	.
TOTAL	53.6	81.8	80.8	80.9	77.8
GENERATION (TWHRS)	5.0	7.6	7.0	7.5	7.0
HEAT RATE (BTU/KWHR)	10670	10720	11470	10750	11150
TOTAL CAPACITY (MW)	1323.0	1733.0	1733.0	2189.0	2189.0
CAPACITY FACTOR	0.43	0.50	0.46	0.39	0.36
FUEL QUALITY:					
COAL SULFUR (%)	4.38	4.02	4.15	4.36	4.60
COAL HEAT (BTU/LB)	10811	10906	10995	11051	11210
COAL ASH (%)	16.20	15.35	14.72	14.21	13.18
OIL SULFUR (%)	0.30	0.18	0.35	0.47	0.38

DATA FOR THE 200 LARGEST SO2 EMITTERS (1976-1980)

PLANT: MADRID
1980 SO2 RANK 17
STATE: MISSOURI
ORIS CODE 50121 2167

	1976	1977	1978	1979	1980
SO2 EMISSIONS:					
TOTAL (1000 TONS)	111.5	155.9	164.4	180.8	198.9
COAL (1000 TONS)	111.5	155.9	164.4	180.8	198.9
OIL (1000 TONS)	0.0	0.0	0.0	0.0	0.0
GAS (1000 TONS)	0.0	0.0	0.0	0.0	0.0
SCRUBBER OPERATING?	NO	NO	NO	NO	NO
SO2 REM. (1000 TONS)	0.0	0.0	0.0	0.0	0.0
SO2 EMISSIONS RANK	44	27	20	15	17
FUEL USED:					
COAL (1000 TONS)	1557.0	2317.4	2508.4	3011.0	3261.3
OIL (1000 BBLS)	0.0	0.0	0.0	1.5	7.3
GAS (1000 MCF)	0.0	0.0	0.0	0.0	0.0
FUEL HEAT VALUE (10**12 BTU):					
COAL	32.8	49.7	53.6	64.9	70.5
OIL	.	.	.	0.0	0.0
GAS	.	.	.	.	.
TOTAL	32.8	49.7	53.6	64.9	70.6
GENERATION (TWHRS)	3.3	4.9	5.1	6.2	7.0
HEAT RATE (BTU/KWHR)	10080	10070	10440	10420	10050
TOTAL CAPACITY (MW)	600.0	951.0	1200.0	1200.0	1200.0
CAPACITY FACTOR	0.62	0.59	0.49	0.59	0.67
FUEL QUALITY:					
COAL SULFUR (%)	3.77	3.54	3.45	3.16	3.21
COAL HEAT (BTU/LB)	10540	10719	10682	10784	10812
COAL ASH (%)	13.79	13.01	13.67	11.53	9.79
OIL SULFUR (%)	.	.	.	0.87	0.61

DATA FOR THE 200 LARGEST SO2 EMITTERS (1976-1980)

PLANT: MITCHELL
1980 SO2 RANK 18
STATE: WEST VIRGINIA
ORIS CODE 54028 3948

	1976	1977	1978	1979	1980
SO2 EMISSIONS:					
TOTAL (1000 TONS)	189.2	183.6	187.3	206.0	171.3
COAL (1000 TONS)	189.2	183.6	187.1	205.9	171.0
OIL (1000 TONS)	0.0	0.0	0.2	0.1	0.3
GAS (1000 TONS)	0.0	0.0	0.0	0.0	0.0
SCRUBBER OPERATING?	NO	NO	NO	NO	NO
SO2 REM. (1000 TONS)	0.0	0.0	0.0	0.0	0.0
SO2 EMISSIONS RANK	20	20	16	12	18
FUEL USED:					
COAL (1000 TONS)	3556.8	3308.7	3360.2	3365.2	3502.0
OIL (1000 BBLS)	81.3	43.2	200.4	89.8	97.0
GAS (1000 MCF)	0.0	0.0	0.0	0.0	0.0
FUEL HEAT VALUE (10**12 BTU):					
COAL	80.2	74.4	77.0	80.0	84.4
OIL	0.5	0.3	1.2	0.6	0.6
GAS	.	.	.	.	.
TOTAL	80.7	74.6	78.2	80.6	85.0
GENERATION (TWHRS)	8.3	7.7	8.1	8.1	8.4
HEAT RATE (BTU/KWHR)	9710	9690	9620	9910	10070
TOTAL CAPACITY (MW)	1633.0	1633.0	1633.0	1633.0	1633.0
CAPACITY FACTOR	0.58	0.54	0.57	0.57	0.59
FUEL QUALITY:					
COAL SULFUR (%)	2.80	2.92	2.93	3.22	2.57
COAL HEAT (BTU/LB)	11269	11237	11455	11893	12055
COAL ASH (%)	16.51	17.32	15.78	14.07	13.63
OIL SULFUR (%)	0.10	0.23	0.30	0.38	0.29

DATA FOR THE 200 LARGEST SO2 EMITTERS (1976-1980)

PLANT: HATFIELD
1980 SO2 RANK 19
STATE: PENNSYLVANIA
ORIS CODE 54030 3179

	1976	1977	1978	1979	1980
SO2 EMISSIONS:					
TOTAL (1000 TONS)	176.3	143.6	118.3	184.4	171.2
COAL (1000 TONS)	176.3	143.6	118.2	184.4	171.1
OIL (1000 TONS)	0.0	0.0	0.0	0.0	0.1
GAS (1000 TONS)	0.0	0.0	0.0	0.0	0.0
SCRUBBER OPERATING?	NO	NO	NO	NO	NO
SO2 REM. (1000 TONS)	0.0	0.0	0.0	0.0	0.0
SO2 EMISSIONS RANK	23	32	35	14	19
FUEL USED:					
COAL (1000 TONS)	4142.3	3531.6	2729.3	3913.4	3518.1
OIL (1000 BBLS)	15.5	10.9	21.6	8.9	15.9
GAS (1000 MCF)	0.0	0.0	0.0	0.0	0.0
FUEL HEAT VALUE (10**12 BTU):					
COAL	102.2	86.9	66.7	94.1	84.1
OIL	0.1	0.1	0.1	0.1	0.1
GAS	.	.	.	.	.
TOTAL	102.2	86.9	66.8	94.1	84.2
GENERATION (TWHRS)	10.2	8.6	6.4	9.1	8.3
HEAT RATE (BTU/KWHR)	10000	10120	10410	10350	10190
TOTAL CAPACITY (MW)	1728.0	1728.0	1728.0	1728.0	1728.0
CAPACITY FACTOR	0.67	0.57	0.42	0.60	0.54
FUEL QUALITY:					
COAL SULFUR (%)	2.24	2.14	2.28	2.48	2.56
COAL HEAT (BTU/LB)	12330	12301	12212	12020	11959
COAL ASH (%)	13.53	13.43	14.39	14.71	14.78
OIL SULFUR (%)	0.16	0.23	0.25	0.27	0.27

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             DATA FOR THE 200 LARGEST SO2 EMITTERS (1976-1980)


PLANT:  HOMER CITY
1980 SO2 RANK  20
STATE: PENNSYLVANIA
ORIS CODE  54025 3122

                             1976       1977       1978       1979       1980

SO2 EMISSIONS:
  TOTAL (1000 TONS)         101.2      100.2      146.8      159.4      169.1
  COAL (1000 TONS)          101.2      100.2      146.8      159.4      169.0
  OIL (1000 TONS)             0.0        0.0        0.0        0.0        0.2
  GAS (1000 TONS)             0.0        0.0        0.0        0.0        0.0

SCRUBBER OPERATING?            NO         NO         NO         NO         NO
SO2 REM. (1000 TONS)          0.0        0.0        0.0        0.0        0.0

SO2 EMISSIONS RANK             52         52         24         20         20


FUEL USED:
  COAL (1000 TONS)         2238.6     2170.6     3733.0     4759.4     4530.0
  OIL (1000 BBLS)             0.0        0.0        5.3       36.5       51.9
  GAS (1000 MCF)              0.0        0.0        0.0        0.0        0.0


FUEL HEAT VALUE (10**12 BTU):
  COAL                       51.0       49.6       86.3      111.0      104.1
  OIL                         0.0        0.0        0.0        0.2        0.3
  GAS
                               .          .          .          .          .

  TOTAL                      51.0       49.6       86.3      111.2      104.4


GENERATION (TWHRS)            4.9        4.7        8.6       10.9       10.4


HEAT RATE (BTU/KWHR)        10390      10470      10070      10180      10060


TOTAL CAPACITY (MW)        1326.0     1385.0     2018.0     2018.0     2018.0


CAPACITY FACTOR              0.42       0.39       0.48       0.62       0.59


FUEL QUALITY:
  COAL SULFUR (%)            2.38       2.43       2.07       1.76       1.96
  COAL HEAT (BTU/LB)        11386      11421      11555      11664      11487
  COAL ASH (%)              21.61      21.52      19.85      18.59      19.67
  OIL SULFUR (%)             0.24       0.15       0.21       0.19       0.21
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DATA FOR THE 200 LARGEST SO2 EMITTERS (1976-1980)

PLANT: GASTON
1980 SO2 RANK 21
STATE: ALABAMA
ORIS CODE 50022 26

	1976	1977	1978	1979	1980
SO2 EMISSIONS:					
TOTAL (1000 TONS)	124.8	148.8	127.8	171.6	169.1
COAL (1000 TONS)	124.8	148.8	127.8	171.6	169.0
OIL (1000 TONS)	0.0	0.0	0.0	0.0	0.0
GAS (1000 TONS)	0.0	0.0	0.0	0.0	0.0
SCRUBBER OPERATING?	NO	NO	NO	NO	NO
SO2 REM. (1000 TONS)	0.0	0.0	0.0	0.0	0.0
SO2 EMISSIONS RANK	36	29	31	19	21
FUEL USED:					
COAL (1000 TONS)	4078.2	4744.8	3521.9	4828.6	4998.0
OIL (1000 BBLS)	24.8	1.0	16.2	1.3	27.7
GAS (1000 MCF)	0.0	0.0	0.0	0.0	0.0
FUEL HEAT VALUE (10**12 BTU):					
COAL	95.8	111.3	84.7	114.8	118.5
OIL	0.1	0.0	0.1	0.0	0.2
GAS	.	.	.	.	.
TOTAL	96.0	111.3	84.8	114.8	118.7
GENERATION (TWHRS)	9.6	11.3	8.5	11.0	12.1
HEAT RATE (BTU/KWHR)	9980	9880	9990	10390	9850
TOTAL CAPACITY (MW)	2034.0	2034.0	2034.0	2034.0	2034.0
CAPACITY FACTOR	0.54	0.63	0.48	0.62	0.67
FUEL QUALITY:					
COAL SULFUR (%)	1.61	1.65	1.91	1.87	1.78
COAL HEAT (BTU/LB)	11751	11731	12031	11890	11857
COAL ASH (%)	13.59	14.04	13.07	13.21	13.00
OIL SULFUR (%)	0.32	0.25	0.35	0.38	0.24

DATA FOR THE 200 LARGEST SO2 EMITTERS (1976-1980)

PLANT: MONTROSE
1980 SO2 RANK 22
STATE: MISSOURI
ORIS CODE 51477 2080

	1976	1977	1978	1979	1980
SO2 EMISSIONS:					
TOTAL (1000 TONS)	146.6	154.7	129.3	145.1	162.0
COAL (1000 TONS)	146.6	154.6	129.2	145.1	161.9
OIL (1000 TONS)	0.0	0.0	0.1	0.0	0.1
GAS (1000 TONS)	0.0	0.0	0.0	0.0	0.0
SCRUBBER OPERATING?	NO	NO	NO	NO	NO
SO2 REM. (1000 TONS)	0.0	0.0	0.0	0.0	0.0
SO2 EMISSIONS RANK	27	28	30	27	22
FUEL USED:					
COAL (1000 TONS)	1690.5	1587.5	1417.6	1592.0	1372.3
OIL (1000 BBLS)	34.4	43.9	81.3	16.3	15.8
GAS (1000 MCF)	0.0	0.0	0.0	0.0	0.0
FUEL HEAT VALUE (10**12 BTU):					
COAL	31.6	30.8	27.6	30.3	27.7
OIL	0.2	0.3	0.5	0.1	0.1
GAS	.	.	.	.	.
TOTAL	31.8	31.1	28.1	30.4	27.7
GENERATION (TWHRS)	2.9	2.8	2.5	2.8	2.5
HEAT RATE (BTU/KWHR)	10830	11290	11220	10890	11050
TOTAL CAPACITY (MW)	563.0	563.0	563.0	563.0	563.0
CAPACITY FACTOR	0.59	0.56	0.51	0.57	0.51
FUEL QUALITY:					
COAL SULFUR (%)	5.10	5.73	5.36	5.36	6.21
COAL HEAT (BTU/LB)	9339	9708	9730	9504	10077
COAL ASH (%)	22.66	21.40	20.96	21.65	21.95
OIL SULFUR (%)	0.30	0.30	0.30	0.29	0.30

DATA FOR THE 200 LARGEST SO2 EMITTERS (1976-1980)

PLANT: EASTLAKE
1980 SO2 RANK 23
STATE: OHIO
ORIS CODE 50587 2837

	1976	1977	1978	1979	1980
SO2 EMISSIONS:					
TOTAL (1000 TONS)	217.4	192.4	179.4	151.1	155.0
COAL (1000 TONS)	217.3	192.3	179.3	151.0	154.8
OIL (1000 TONS)	0.1	0.1	0.1	0.1	0.1
GAS (1000 TONS)	0.0	0.0	0.0	0.0	0.0
SCRUBBER OPERATING?	NO	NO	NO	NO	NO
SO2 REM. (1000 TONS)	0.0	0.0	0.0	0.0	0.0
SO2 EMISSIONS RANK	15	18	18	24	23
FUEL USED:					
COAL (1000 TONS)	3176.9	2891.1	2680.5	2445.5	2595.2
OIL (1000 BBLS)	56.8	108.2	107.3	76.6	40.3
GAS (1000 MCF)	0.0	0.0	0.0	0.0	0.0
FUEL HEAT VALUE (10**12 BTU):					
COAL	74.9	68.2	64.1	59.5	63.6
OIL	0.3	0.6	0.6	0.4	0.2
GAS	.	.	.	.	.
TOTAL	75.2	68.8	64.7	60.0	63.9
GENERATION (TWHRS)	7.6	7.0	6.5	5.9	6.3
HEAT RATE (BTU/KWHR)	9870	9800	9950	10110	10130
TOTAL CAPACITY (MW)	1289.0	1289.0	1289.0	1289.0	1289.0
CAPACITY FACTOR	0.67	0.62	0.58	0.53	0.56
FUEL QUALITY:					
COAL SULFUR (%)	3.60	3.50	3.52	3.25	3.14
COAL HEAT (BTU/LB)	11786	11799	11950	12175	12259
COAL ASH (%)	12.62	13.10	12.16	11.27	10.33
OIL SULFUR (%)	0.37	0.36	0.35	0.30	0.24

DATA FOR THE 200 LARGEST SO2 EMITTERS (1976-1980)

PLANT: BIG BEND
1980 SO2 RANK 24
STATE: FLORIDA
ORIS CODE 52879 645

	1976	1977	1978	1979	1980
SO2 EMISSIONS:					
TOTAL (1000 TONS)	127.9	138.5	107.2	120.0	153.2
COAL (1000 TONS)	127.7	138.4	107.1	119.9	152.6
OIL (1000 TONS)	0.2	0.1	0.1	0.1	0.6
GAS (1000 TONS)	0.0	0.0	0.0	0.0	0.0
SCRUBBER OPERATING?	NO	NO	NO	NO	NO
SO2 REM. (1000 TONS)	0.0	0.0	0.0	0.0	0.0
SO2 EMISSIONS RANK	34	35	44	35	24
FUEL USED:					
COAL (1000 TONS)	2167.4	2486.5	2482.8	2381.7	2827.3
OIL (1000 BBLS)	240.6	109.2	112.1	102.2	177.8
GAS (1000 MCF)	0.0	0.0	0.0	0.0	0.0
FUEL HEAT VALUE (10**12 BTU):					
COAL	48.5	55.7	57.1	55.3	65.2
OIL	1.4	0.6	0.7	0.6	1.0
GAS	.	.	.	.	.
TOTAL	49.9	56.3	57.8	55.9	66.3
GENERATION (TWHRS)	4.9	5.6	5.6	5.4	6.5
HEAT RATE (BTU/KWHR)	10210	9990	10340	10290	10200
TOTAL CAPACITY (MW)	1364.0	1512.0	1512.0	1512.0	1512.0
CAPACITY FACTOR	0.41	0.43	0.42	0.41	0.49
FUEL QUALITY:					
COAL SULFUR (%)	3.10	2.93	2.27	2.65	2.84
COAL HEAT (BTU/LB)	11195	11195	11506	11610	11537
COAL ASH (%)	10.88	11.04	10.65	10.54	11.14
OIL SULFUR (%)	0.24	0.19	0.21	0.31	0.30

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                 DATA FOR THE 200 LARGEST SO2 EMITTERS (1976-1980)


PLANT:  KAMMER
1980 SO2 RANK  25
STATE: WEST VIRGINIA
ORIS CODE  54028 3947
                             1976        1977        1978        1979        1980


SO2 EMISSIONS:
  TOTAL (1000 TONS)  139.3       142.2       116.5       150.8       149.1
  COAL (1000 TONS)   139.3       142.2       116.5       150.8       149.1
  OIL (1000 TONS)      0.0         0.0         0.0         0.0         0.0
  GAS (1000 TONS)      0.0         0.0         0.0         0.0         0.0

SCRUBBER OPERATING?     NO          NO          NO          NO          NO
SO2 REM. (1000 TONS)   0.0         0.0         0.0         0.0         0.0

SO2 EMISSIONS RANK      30          33          37          25          25


FUEL USED:
  COAL (1000 TONS)  1689.5      1740.1      1393.5      1840.9      1855.0
  OIL (1000 BBLS)      1.0         0.8        10.8         1.3         3.1
  GAS (1000 MCF)       0.0         0.0         0.0         0.0         0.0


FUEL HEAT VALUE (10**12 BTU):
  COAL                39.9        40.8        32.9        43.8        44.3
  OIL                  0.0         0.0         0.1         0.0         0.0
  GAS                    .           .           .           .           .

  TOTAL               39.9        40.8        33.0        43.9        44.3


GENERATION (TWHRS)     4.0         4.1         3.2         4.3         4.4


HEAT RATE (BTU/KWHR)  9990        9970       10250       10160       10160


TOTAL CAPACITY (MW)  712.0       712.0       712.0       712.0       712.0


CAPACITY FACTOR       0.64        0.66        0.52        0.69        0.70


FUEL QUALITY:
  COAL SULFUR (%)     4.34        4.30        4.40        4.31        4.23
  COAL HEAT (BTU/LB) 11814       11724       11799       11908       11928
  COAL ASH (%)       14.70       15.26       14.34       14.13       14.14
  OIL SULFUR (%)      0.10        0.23        0.30        0.38        0.29
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DATA FOR THE 200 LARGEST SO2 EMITTERS (1976-1980)

PLANT: KEYSTONE
1980 SO2 RANK 26
STATE: PENNSYLVANIA
ORIS CODE 54025 3136

	1976	1977	1978	1979	1980
SO2 EMISSIONS:					
TOTAL (1000 TONS)	154.3	123.3	124.8	140.3	142.3
COAL (1000 TONS)	154.2	123.3	124.7	140.2	142.1
OIL (1000 TONS)	0.1	0.1	0.1	0.0	0.2
GAS (1000 TONS)	0.0	0.0	0.0	0.0	0.0
SCRUBBER OPERATING?	NO	NO	NO	NO	NO
SO2 REM. (1000 TONS)	0.0	0.0	0.0	0.0	0.0
SO2 EMISSIONS RANK	25	40	32	28	26
FUEL USED:					
COAL (1000 TONS)	3959.0	3293.0	3687.5	4169.9	4297.9
OIL (1000 BBLS)	86.6	80.6	80.6	64.9	59.0
GAS (1000 MCF)	0.0	0.0	0.0	0.0	0.0
FUEL HEAT VALUE (10**12 BTU):					
COAL	94.0	77.5	86.7	98.7	104.4
OIL	0.5	0.5	0.5	0.4	0.3
GAS	.	.	.	.	.
TOTAL	94.5	78.0	87.2	99.1	104.7
GENERATION (TWHRS)	9.8	8.0	8.8	9.9	10.6
HEAT RATE (BTU/KWHR)	9650	9780	9890	10030	9850
TOTAL CAPACITY (MW)	1883.0	1883.0	1883.0	1883.0	1883.0
CAPACITY FACTOR	0.59	0.48	0.53	0.60	0.64
FUEL QUALITY:					
COAL SULFUR (%)	2.05	1.97	1.78	1.77	1.74
COAL HEAT (BTU/LB)	11871	11764	11756	11832	12145
COAL ASH (%)	18.04	19.30	19.18	20.09	17.66
OIL SULFUR (%)	0.30	0.20	0.20	0.16	0.18

DATA FOR THE 200 LARGEST SO2 EMITTERS (1976-1980)

PLANT: BRUNNER ISLAND
1980 SO2 RANK 27
STATE: PENNSYLVANIA
ORIS CODE 52288 3140

	1976	1977	1978	1979	1980
SO2 EMISSIONS:					
TOTAL (1000 TONS)	165.1	165.1	141.9	157.3	139.0
COAL (1000 TONS)	165.0	165.0	141.7	157.2	138.7
OIL (1000 TONS)	0.1	0.1	0.2	0.1	0.3
GAS (1000 TONS)	0.0	0.0	0.0	0.0	0.0
SCRUBBER OPERATING?	NO	NO	NO	NO	NO
SO2 REM. (1000 TONS)	0.0	0.0	0.0	0.0	0.0
SO2 EMISSIONS RANK	24	25	27	23	27
FUEL USED:					
COAL (1000 TONS)	3727.6	3842.0	3586.5	3796.0	3650.7
OIL (1000 BBLS)	123.5	154.4	292.4	139.5	77.2
GAS (1000 MCF)	0.0	0.0	0.0	0.0	0.0
FUEL HEAT VALUE (10**12 BTU):					
COAL	91.9	94.1	88.2	95.0	90.9
OIL	0.7	0.9	1.7	0.8	0.4
GAS	.	.	.	.	.
TOTAL	92.6	95.0	89.9	95.8	91.4
GENERATION (TWHRS)	9.5	9.6	9.0	9.6	9.3
HEAT RATE (BTU/KWHR)	9750	9920	10030	9980	9770
TOTAL CAPACITY (MW)	1567.0	1567.0	1567.0	1567.0	1567.0
CAPACITY FACTOR	0.69	0.70	0.65	0.70	0.68
FUEL QUALITY:					
COAL SULFUR (%)	2.33	2.26	2.08	2.18	2.00
COAL HEAT (BTU/LB)	12323	12252	12299	12510	12451
COAL ASH (%)	14.51	14.36	14.32	14.08	14.88
OIL SULFUR (%)	0.20	0.20	0.19	0.17	0.18

DATA FOR THE 200 LARGEST SO2 EMITTERS (1976-1980)

PLANT: COFFEEN
1980 SO2 RANK 28
STATE: ILLINOIS
ORIS CODE 50486 861

	1976	1977	1978	1979	1980
SO2 EMISSIONS:					
TOTAL (1000 TONS)	140.2	125.2	111.4	139.5	137.3
COAL (1000 TONS)	140.0	125.1	111.4	139.5	137.3
OIL (1000 TONS)	0.2	0.1	0.1	0.0	0.0
GAS (1000 TONS)	0.0	0.0	0.0	0.0	0.0
SCRUBBER OPERATING?	NO	NO	NO	NO	NO
SO2 REM. (1000 TONS)	0.0	0.0	0.0	0.0	0.0
SO2 EMISSIONS RANK	29	37	41	29	28
FUEL USED:					
COAL (1000 TONS)	2207.9	2176.6	2079.5	2199.2	2114.1
OIL (1000 BBLS)	95.6	74.4	38.8	21.6	12.4
GAS (1000 MCF)	0.0	0.0	0.0	0.0	0.0
FUEL HEAT VALUE (10**12 BTU):					
COAL	41.3	42.0	40.8	41.7	39.6
OIL	0.6	0.5	0.2	0.1	0.1
GAS	.	.	.	.	.
TOTAL	41.9	42.5	41.0	41.9	39.7
GENERATION (TWHRS)	3.8	3.6	3.5	3.7	3.6
HEAT RATE (BTU/KWHR)	10980	11820	11620	11370	11160
TOTAL CAPACITY (MW)	1005.0	1005.0	1005.0	1005.0	1005.0
CAPACITY FACTOR	0.43	0.41	0.40	0.42	0.40
FUEL QUALITY:					
COAL SULFUR (%)	3.73	3.38	3.15	3.73	3.82
COAL HEAT (BTU/LB)	9345	9653	9809	9488	9371
COAL ASH (%)	19.40	17.38	16.28	17.26	19.53
OIL SULFUR (%)	0.52	0.55	0.53	0.60	0.66

DATA FOR THE 200 LARGEST SO2 EMITTERS (1976-1980)

PLANT: GALLATIN
1980 SO2 RANK 29
STATE: TENNESSEE
ORIS CODE 52987 3403

	1976	1977	1978	1979	1980
SO2 EMISSIONS:					
TOTAL (1000 TONS)	110.0	180.7	133.2	122.1	137.1
COAL (1000 TONS)	108.8	178.9	131.4	122.0	137.0
OIL (1000 TONS)	1.2	1.7	1.8	0.1	0.1
GAS (1000 TONS)	0.0	0.0	0.0	0.0	0.0
SCRUBBER OPERATING?	NO	NO	NO	NO	NO
SO2 REM. (1000 TONS)	0.0	0.0	0.0	0.0	0.0
SO2 EMISSIONS RANK	45	23	29	32	29
FUEL USED:					
COAL (1000 TONS)	2290.4	2777.7	2733.1	2478.3	2520.9
OIL (1000 BBLS)	517.0	746.4	781.7	62.7	32.8
GAS (1000 MCF)	0.0	0.0	0.0	0.0	0.0
FUEL HEAT VALUE (10**12 BTU):					
COAL	50.8	62.8	62.9	58.9	61.2
OIL	3.0	4.4	4.6	0.4	0.2
GAS	.	.	.	.	.
TOTAL	53.8	67.2	67.5	59.3	61.4
GENERATION (TWHRS)	5.2	6.7	6.3	6.2	6.4
HEAT RATE (BTU/KWHR)	10260	10070	10710	9570	9550
TOTAL CAPACITY (MW)	1580.0	1580.0	1580.0	1580.0	1580.0
CAPACITY FACTOR	0.38	0.48	0.46	0.45	0.46
FUEL QUALITY:					
COAL SULFUR (%)	2.50	3.39	2.53	2.59	2.86
COAL HEAT (BTU/LB)	11082	11310	11509	11892	12144
COAL ASH (%)	15.01	14.88	13.05	10.31	9.14
OIL SULFUR (%)	0.70	0.70	0.70	0.50	0.50

DATA FOR THE 200 LARGEST SO2 EMITTERS (1976-1980)

PLANT: SAMMIS
1980 SO2 RANK 30
STATE: OHIO
ORIS CODE 52154 2866

	1976	1977	1978	1979	1980
SO2 EMISSIONS:					
TOTAL (1000 TONS)	262.1	222.0	185.7	177.3	137.0
COAL (1000 TONS)	262.1	221.9	185.6	177.2	136.9
OIL (1000 TONS)	0.1	0.1	0.1	0.1	0.1
GAS (1000 TONS)	0.0	0.0	0.0	0.0	0.0
SCRUBBER OPERATING?	NO	NO	NO	NO	NO
SO2 REM. (1000 TONS)	0.0	0.0	0.0	0.0	0.0
SO2 EMISSIONS RANK	12	16	17	16	30
FUEL USED:					
COAL (1000 TONS)	4392.5	3816.4	3551.9	3967.8	4447.5
OIL (1000 BBLS)	55.7	60.9	68.8	54.4	36.6
GAS (1000 MCF)	0.0	0.0	0.0	0.0	0.0
FUEL HEAT VALUE (10**12 BTU):					
COAL	98.6	85.5	81.6	95.4	109.0
OIL	0.3	0.3	0.4	0.3	0.2
GAS	.	.	.	.	.
TOTAL	99.0	85.8	82.0	95.7	109.2
GENERATION (TWHRS)	9.6	8.2	7.5	9.0	10.9
HEAT RATE (BTU/KWHR)	10260	10460	10860	10620	10050
TOTAL CAPACITY (MW)	2316.0	2316.0	2316.0	2316.0	2316.0
CAPACITY FACTOR	0.47	0.40	0.37	0.44	0.53
FUEL QUALITY:					
COAL SULFUR (%)	3.14	3.06	2.75	2.35	1.62
COAL HEAT (BTU/LB)	11228	11202	11488	12024	12252
COAL ASH (%)	15.55	16.00	14.46	10.93	10.20
OIL SULFUR (%)	0.37	0.33	0.32	0.48	0.52

DATA FOR THE 200 LARGEST SO2 EMITTERS (1976-1980)

PLANT: JOHNSONVILLE
1980 SO2 RANK 31
STATE: TENNESSEE
ORIS CODE 52987 3406

	1976	1977	1978	1979	1980
SO2 EMISSIONS:					
TOTAL (1000 TONS)	211.2	234.0	209.3	173.4	135.3
COAL (1000 TONS)	207.1	229.2	201.9	172.4	134.7
OIL (1000 TONS)	4.1	4.7	7.3	1.0	0.6
GAS (1000 TONS)	0.0	0.0	0.0	0.0	0.0
SCRUBBER OPERATING?	NO	NO	NO	NO	NO
SO2 REM. (1000 TONS)	0.0	0.0	0.0	0.0	0.0
SO2 EMISSIONS RANK	17	13	11	18	31
FUEL USED:					
COAL (1000 TONS)	3586.3	3446.8	3153.4	2954.9	3109.3
OIL (1000 BBLS)	1742.2	2027.2	3141.6	471.9	184.1
GAS (1000 MCF)	0.0	0.0	0.0	0.0	0.0
FUEL HEAT VALUE (10**12 BTU):					
COAL	77.4	74.9	70.1	66.9	72.7
OIL	10.1	11.9	18.4	2.8	1.1
GAS	.	.	.	.	.
TOTAL	87.5	86.8	88.5	69.7	73.8
GENERATION (TWHRS)	8.1	8.0	7.9	6.3	6.8
HEAT RATE (BTU/KWHR)	10840	10910	11180	11030	10800
TOTAL CAPACITY (MW)	2573.0	2573.0	2573.0	2573.0	2573.0
CAPACITY FACTOR	0.36	0.35	0.35	0.28	0.30
FUEL QUALITY:					
COAL SULFUR (%)	3.04	3.50	3.37	3.07	2.28
COAL HEAT (BTU/LB)	10789	10863	11122	11319	11693
COAL ASH (%)	15.68	15.66	15.46	13.39	8.83
OIL SULFUR (%)	0.70	0.70	0.70	0.66	0.57

DATA FOR THE 200 LARGEST SO2 EMITTERS (1976-1980)

PLANT: CARDINAL
1980 SO2 RANK 32
STATE: OHIO
ORIS CODE 50359 2828

	1976	1977	1978	1979	1980
SO2 EMISSIONS:					
TOTAL (1000 TONS)	119.1	107.6	145.7	158.2	126.0
COAL (1000 TONS)	119.0	107.5	145.3	157.8	125.7
OIL (1000 TONS)	0.0	0.1	0.3	0.4	0.3
GAS (1000 TONS)	0.0	0.0	0.0	0.0	0.0
SCRUBBER OPERATING?	NO	NO	NO	NO	NO
SO2 REM. (1000 TONS)	0.0	0.0	0.0	0.0	0.0
SO2 EMISSIONS RANK	38	49	25	22	32
FUEL USED:					
COAL (1000 TONS)	2466.3	2682.1	3492.8	4512.4	3595.8
OIL (1000 BBLS)	35.5	61.7	179.0	139.1	91.4
GAS (1000 MCF)	0.0	0.0	0.0	0.0	0.0
FUEL HEAT VALUE (10**12 BTU):					
COAL	55.4	60.3	79.2	103.5	83.9
OIL	0.2	0.4	1.1	0.9	0.6
GAS	.	.	.	.	.
TOTAL	55.7	60.7	80.3	104.4	84.5
GENERATION (TWHRS)	5.9	6.7	8.3	10.6	8.4
HEAT RATE (BTU/KWHR)	9440	9060	9660	9880	10090
TOTAL CAPACITY (MW)	1230.0	1286.0	1880.0	1880.0	1880.0
CAPACITY FACTOR	0.55	0.59	0.50	0.64	0.51
FUEL QUALITY:					
COAL SULFUR (%)	2.54	2.11	2.19	1.84	1.84
COAL HEAT (BTU/LB)	11239	11241	11331	11470	11672
COAL ASH (%)	15.95	15.07	14.48	14.26	13.45
OIL SULFUR (%)	0.38	0.59	0.57	0.86	0.54

DATA FOR THE 200 LARGEST SO2 EMITTERS (1976-1980)

PLANT: COLBERT
1980 SO2 RANK 33
STATE: ALABAMA
ORIS CODE 52987 47

	1976	1977	1978	1979	1980
SO2 EMISSIONS:					
TOTAL (1000 TONS)	211.8	232.0	144.6	90.0	125.9
COAL (1000 TONS)	210.7	230.3	142.2	89.8	125.7
OIL (1000 TONS)	1.1	1.7	2.4	0.2	0.2
GAS (1000 TONS)	0.0	0.0	0.0	0.0	0.0
SCRUBBER OPERATING?	NO	NO	NO	NO	NO
SO2 REM. (1000 TONS)	0.0	0.0	0.0	0.0	0.0
SO2 EMISSIONS RANK	16	14	26	52	33
FUEL USED:					
COAL (1000 TONS)	2786.8	3007.9	2182.3	2447.9	2927.7
OIL (1000 BBLS)	464.8	722.6	1023.8	107.5	52.7
GAS (1000 MCF)	0.0	0.0	0.0	0.0	0.0
FUEL HEAT VALUE (10**12 BTU):					
COAL	63.5	69.1	50.8	56.6	68.1
OIL	2.7	4.2	6.0	0.6	0.3
GAS	.	.	.	.	.
TOTAL	66.2	73.3	56.9	57.3	68.4
GENERATION (TWHRS)	6.4	7.1	5.3	5.5	6.6
HEAT RATE (BTU/KWHR)	10330	10400	10670	10470	10320
TOTAL CAPACITY (MW)	1872.0	1896.0	1896.0	1896.0	1896.0
CAPACITY FACTOR	0.39	0.42	0.32	0.33	0.40
FUEL QUALITY:					
COAL SULFUR (%)	3.98	4.03	3.43	1.93	2.26
COAL HEAT (BTU/LB)	11395	11485	11641	11567	11634
COAL ASH (%)	15.57	14.50	13.53	11.99	12.20
OIL SULFUR (%)	0.69	0.70	0.70	0.60	0.65

DATA FOR THE 200 LARGEST SO2 EMITTERS (1976-1980)

PLANT: HILL
1980 SO2 RANK 34
STATE: MISSOURI
ORIS CODE 50121 2168

	1976	1977	1978	1979	1980
SO2 EMISSIONS:					
TOTAL (1000 TONS)	105.0	106.6	79.0	102.8	121.6
COAL (1000 TONS)	105.0	106.6	79.0	102.8	121.6
OIL (1000 TONS)	0.0	0.0	0.0	0.0	0.0
GAS (1000 TONS)	0.0	0.0	0.0	0.0	0.0
SCRUBBER OPERATING?	NO	NO	NO	NO	NO
SO2 REM. (1000 TONS)	0.0	0.0	0.0	0.0	0.0
SO2 EMISSIONS RANK	50	50	62	44	34
FUEL USED:					
COAL (1000 TONS)	1410.5	1396.4	1078.3	1409.3	1496.0
OIL (1000 BBLS)	0.0	0.0	0.0	0.7	1.0
GAS (1000 MCF)	0.0	0.0	0.0	0.0	0.0
FUEL HEAT VALUE (10**12 BTU):					
COAL	27.0	27.0	20.7	27.7	28.6
OIL	.	.	.	0.0	0.0
GAS	.	.	.	.	.
TOTAL	27.0	27.0	20.7	27.7	28.6
GENERATION (TWHRS)	2.7	2.5	2.0	2.7	2.9
HEAT RATE (BTU/KWHR)	9870	10820	10440	10210	9980
TOTAL CAPACITY (MW)	470.0	470.0	470.0	470.0	470.0
CAPACITY FACTOR	0.66	0.61	0.48	0.66	0.69
FUEL QUALITY:					
COAL SULFUR (%)	4.38	4.49	4.31	4.29	4.78
COAL HEAT (BTU/LB)	9564	9656	9580	9827	9558
COAL ASH (%)	16.90	16.05	17.04	14.85	17.73
OIL SULFUR (%)	.	.	.	0.87	0.61

DATA FOR THE 200 LARGEST SO2 EMITTERS (1976-1980)

PLANT: CAYUGA
1980 SO2 RANK 35
STATE: INDIANA
ORIS CODE 52410 1001

	1976	1977	1978	1979	1980
SO2 EMISSIONS:					
TOTAL (1000 TONS)	84.9	112.3	112.8	134.1	115.9
COAL (1000 TONS)	84.8	112.2	112.6	134.1	115.8
OIL (1000 TONS)	0.1	0.0	0.2	0.0	0.1
GAS (1000 TONS)	0.0	0.0	0.0	0.0	0.0
SCRUBBER OPERATING?	NO	NO	NO	NO	NO
SO2 REM. (1000 TONS)	0.0	0.0	0.0	0.0	0.0
SO2 EMISSIONS RANK	63	45	40	31	35
FUEL USED:					
COAL (1000 TONS)	2001.2	2696.8	2262.9	2846.1	2708.5
OIL (1000 BBLS)	63.6	46.4	153.6	31.2	33.8
GAS (1000 MCF)	0.0	0.0	0.0	0.0	0.0
FUEL HEAT VALUE (10**12 BTU):					
COAL	41.1	55.4	46.7	58.6	55.8
OIL	0.4	0.3	0.9	0.2	0.2
GAS	.	.	.	.	.
TOTAL	41.5	55.6	47.6	58.7	56.0
GENERATION (TWHRS)	4.1	5.5	4.5	5.9	5.6
HEAT RATE (BTU/KWHR)	10080	10190	10490	9900	10030
TOTAL CAPACITY (MW)	1072.0	1072.0	1072.0	1072.0	1072.0
CAPACITY FACTOR	0.44	0.58	0.48	0.63	0.59
FUEL QUALITY:					
COAL SULFUR (%)	2.23	2.19	2.62	2.48	2.25
COAL HEAT (BTU/LB)	10280	10264	10314	10288	10310
COAL ASH (%)	13.54	13.56	12.90	13.04	12.78
OIL SULFUR (%)	0.30	0.30	0.30	0.30	0.30

DATA FOR THE 200 LARGEST SO2 EMITTERS (1976-1980)

PLANT: STUART
1980 SO2 RANK 36
STATE: OHIO
ORIS CODE 50752 2850

	1976	1977	1978	1979	1980
SO2 EMISSIONS:					
TOTAL (1000 TONS)	179.6	159.7	119.7	137.4	112.8
COAL (1000 TONS)	179.6	159.7	119.7	137.4	112.7
OIL (1000 TONS)	0.0	0.0	0.0	0.0	0.1
GAS (1000 TONS)	0.0	0.0	0.0	0.0	0.0
SCRUBBER OPERATING?	NO	NO	NO	NO	NO
SO2 REM. (1000 TONS)	0.0	0.0	0.0	0.0	0.0
SO2 EMISSIONS RANK	22	26	34	30	36
FUEL USED:					
COAL (1000 TONS)	5527.1	5388.8	4921.7	5975.1	5442.3
OIL (1000 BBLS)	26.4	28.6	32.0	22.2	17.0
GAS (1000 MCF)	0.0	0.0	0.0	0.0	0.0
FUEL HEAT VALUE (10**12 BTU):					
COAL	119.9	116.3	107.6	133.9	124.0
OIL	0.2	0.2	0.2	0.1	0.1
GAS	.	.	.	.	.
TOTAL	120.1	116.4	107.7	134.1	124.1
GENERATION (TWHRS)	12.5	11.6	10.6	12.9	12.4
HEAT RATE (BTU/KWHR)	9620	10030	10170	10400	10020
TOTAL CAPACITY (MW)	2452.0	2452.0	2452.0	2452.0	2452.0
CAPACITY FACTOR	0.58	0.54	0.49	0.60	0.58
FUEL QUALITY:					
COAL SULFUR (%)	1.71	1.56	1.28	1.21	1.09
COAL HEAT (BTU/LB)	10850	10788	10926	11208	11392
COAL ASH (%)	17.88	17.45	16.00	15.06	15.20
OIL SULFUR (%)	0.26	0.23	0.29	0.30	0.31

DATA FOR THE 200 LARGEST SO2 EMITTERS (1976-1980)

PLANT: MONTOUR
1980 SO2 RANK 37
STATE: PENNSYLVANIA
ORIS CODE 52288 3149

	1976	1977	1978	1979	1980
SO2 EMISSIONS:					
TOTAL (1000 TONS)	127.0	124.0	110.2	120.6	109.5
COAL (1000 TONS)	126.8	123.9	110.0	120.6	109.4
OIL (1000 TONS)	0.1	0.1	0.1	0.0	0.2
GAS (1000 TONS)	0.0	0.0	0.0	0.0	0.0
SCRUBBER OPERATING?	NO	NO	NO	NO	NO
SO2 REM. (1000 TONS)	0.0	0.0	0.0	0.0	0.0
SO2 EMISSIONS RANK	35	38	43	33	37
FUEL USED:					
COAL (1000 TONS)	3687.8	3905.8	3531.7	3941.0	3787.3
OIL (1000 BBLS)	212.1	147.1	209.9	93.6	50.9
GAS (1000 MCF)	0.0	0.0	0.0	0.0	0.0
FUEL HEAT VALUE (10**12 BTU):					
COAL	88.8	95.4	88.1	99.0	94.2
OIL	1.2	0.8	1.2	0.5	0.3
GAS	.	.	.	.	.
TOTAL	90.0	96.2	89.3	99.5	94.5
GENERATION (TWHRS)	9.2	9.9	9.0	10.4	10.1
HEAT RATE (BTU/KWHR)	9780	9680	9930	9580	9340
TOTAL CAPACITY (MW)	1642.0	1642.0	1642.0	1642.0	1642.0
CAPACITY FACTOR	0.64	0.69	0.63	0.72	0.70
FUEL QUALITY:					
COAL SULFUR (%)	1.81	1.67	1.64	1.61	1.52
COAL HEAT (BTU/LB)	12041	12206	12469	12555	12439
COAL ASH (%)	15.08	13.67	12.89	12.83	13.71
OIL SULFUR (%)	0.20	0.14	0.17	0.15	0.14

DATA FOR THE 200 LARGEST SO2 EMITTERS (1976-1980)

PLANT: PETERSBURG
1980 SO2 RANK 38
STATE: INDIANA
ORIS CODE 51394 994

	1976	1977	1978	1979	1980
SO2 EMISSIONS:					
TOTAL (1000 TONS)	114.5	108.5	94.8	116.2	108.5
COAL (1000 TONS)	114.4	108.5	94.6	116.2	108.4
OIL (1000 TONS)	0.0	0.0	0.2	0.0	0.1
GAS (1000 TONS)	0.0	0.0	0.0	0.0	0.0
SCRUBBER OPERATING?	NO	NO	YES	YES	YES
SO2 REM. (1000 TONS)	0.0	0.0	51.1	61.4	57.3
SO2 EMISSIONS RANK	42	48	47	36	38
FUEL USED:					
COAL (1000 TONS)	2028.1	2053.5	2862.3	2948.2	3420.7
OIL (1000 BBLS)	14.2	40.5	203.2	48.7	25.6
GAS (1000 MCF)	0.0	0.0	0.0	0.0	0.0
FUEL HEAT VALUE (10**12 BTU):					
COAL	44.3	44.7	62.3	64.6	74.8
OIL	0.1	0.2	1.2	0.3	0.1
GAS	.	.	.	.	.
TOTAL	44.4	45.0	63.5	64.9	75.0
GENERATION (TWHRS)	4.4	4.5	6.1	6.3	7.3
HEAT RATE (BTU/KWHR)	10140	10060	10350	10280	10250
TOTAL CAPACITY (MW)	733.0	778.0	1289.0	1307.0	1307.0
CAPACITY FACTOR	0.68	0.66	0.54	0.55	0.64
FUEL QUALITY:					
COAL SULFUR (%)	2.97	2.78	2.68	3.17	2.55
COAL HEAT (BTU/LB)	10918	10895	10888	10956	10939
COAL ASH (%)	10.28	10.19	10.59	10.18	9.91
OIL SULFUR (%)	0.30	0.30	0.30	0.30	0.30

DATA FOR THE 200 LARGEST SO2 EMITTERS (1976-1980)

PLANT: YATES
1980 SO2 RANK 39
STATE: GEORGIA
ORIS CODE 51100 728

	1976	1977	1978	1979	1980
SO2 EMISSIONS:					
TOTAL (1000 TONS)	76.7	84.1	85.9	96.9	106.6
COAL (1000 TONS)	76.6	84.1	85.9	96.8	106.5
OIL (1000 TONS)	0.0	0.0	0.0	0.0	0.1
GAS (1000 TONS)	0.0	0.0	0.0	0.0	0.0
SCRUBBER OPERATING?	NO	NO	NO	NO	NO
SO2 REM. (1000 TONS)	0.0	0.0	0.0	0.0	0.0
SO2 EMISSIONS RANK	69	65	56	47	39
FUEL USED:					
COAL (1000 TONS)	2569.3	2682.4	2774.4	2815.9	2905.3
OIL (1000 BBLS)	15.0	18.8	13.4	19.3	17.6
GAS (1000 MCF)	182.8	1192.0	35.3	0.0	0.0
FUEL HEAT VALUE (10**12 BTU):					
COAL	62.1	63.7	66.5	67.7	69.4
OIL	0.1	0.1	0.1	0.1	0.1
GAS	0.2	1.2	0.0	.	.
TOTAL	62.4	65.0	66.6	67.8	69.5
GENERATION (TWHRS)	5.9	6.2	6.2	6.5	6.4
HEAT RATE (BTU/KWHR)	10580	10560	10710	10480	10870
TOTAL CAPACITY (MW)	1487.0	1487.0	1487.0	1487.0	1487.0
CAPACITY FACTOR	0.45	0.47	0.48	0.50	0.49
FUEL QUALITY:					
COAL SULFUR (%)	1.57	1.65	1.63	1.81	1.93
COAL HEAT (BTU/LB)	12084	11877	11987	12017	11950
COAL ASH (%)	11.88	12.68	12.79	11.36	11.14
OIL SULFUR (%)	0.27	0.30	0.30	0.30	0.16

DATA FOR THE 200 LARGEST SO2 EMITTERS (1976-1980)

PLANT: AMOS
1980 SO2 RANK 40
STATE: WEST VIRGINIA
ORIS CODE 54001 3935

	1976	1977	1978	1979	1980
SO2 EMISSIONS:					
TOTAL (1000 TONS)	109.7	110.3	113.3	114.7	105.1
COAL (1000 TONS)	109.7	110.1	112.9	114.6	104.7
OIL (1000 TONS)	0.1	0.1	0.4	0.1	0.4
GAS (1000 TONS)	0.0	0.0	0.0	0.0	0.0
SCRUBBER OPERATING?	NO	NO	NO	NO	NO
SO2 REM. (1000 TONS)	0.0	0.0	0.0	0.0	0.0
SO2 EMISSIONS RANK	46	47	39	39	40
FUEL USED:					
COAL (1000 TONS)	6343.9	6513.1	6829.4	7537.5	7066.2
OIL (1000 BBLS)	164.2	166.9	388.1	103.6	114.2
GAS (1000 MCF)	0.0	0.0	0.0	0.0	0.0
FUEL HEAT VALUE (10**12 BTU):					
COAL	147.1	149.2	157.9	178.4	169.8
OIL	1.0	1.0	2.4	0.6	0.7
GAS	.	.	.	.	.
TOTAL	148.1	150.2	160.3	179.1	170.5
GENERATION (TWHRS)	15.7	16.0	17.1	19.3	18.0
HEAT RATE (BTU/KWHR)	9430	9360	9390	9270	9470
TOTAL CAPACITY (MW)	2933.0	2933.0	2933.0	2933.0	2933.0
CAPACITY FACTOR	0.61	0.62	0.66	0.75	0.70
FUEL QUALITY:					
COAL SULFUR (%)	0.91	0.89	0.87	0.80	0.78
COAL HEAT (BTU/LB)	11596	11452	11563	11837	12013
COAL ASH (%)	14.84	15.39	14.41	13.38	12.77
OIL SULFUR (%)	0.10	0.23	0.30	0.38	0.29

DATA FOR THE 200 LARGEST SO2 EMITTERS (1976-1980)

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PLANT:  JOPPA
1980 SO2 RANK  41
STATE: ILLINOIS
ORIS CODE  50877 887

                          1976      1977      1978      1979      1980


SO2 EMISSIONS:
  TOTAL (1000 TONS)  143.0     146.6     105.8     115.1     100.1
  COAL (1000 TONS)   143.0     146.6     105.8     115.0     100.0
  OIL (1000 TONS)      0.0       0.0       0.0       0.0       0.1
  GAS (1000 TONS)      0.0       0.0       0.0       0.0       0.0

SCRUBBER OPERATING?     NO        NO        NO        NO        NO
SO2 REM. (1000 TONS)   0.0       0.0       0.0       0.0       0.0

SO2 EMISSIONS RANK      28        30        45        38        41


FUEL USED:
  COAL (1000 TONS)  3047.3    3136.3    2577.5    2911.0    2580.6
  OIL (1000 BBLS)      0.0       3.1      17.9      18.8      15.8
  GAS (1000 MCF)       0.0       0.0       0.0       0.0       0.0


FUEL HEAT VALUE (10**12 BTU):
  COAL                70.2      71.9      59.3      67.4      60.8
  OIL                   .        0.0       0.1       0.1       0.1
  GAS                   .         .         .         .         .

  TOTAL               70.2      71.9      59.4      67.5      60.9


GENERATION (TWHRS)     6.8       7.0       5.7       6.4       5.8


HEAT RATE (BTU/KWHR) 10290     10290     10410     10520     10570


TOTAL CAPACITY (MW) 1100.0    1100.0    1100.0    1100.0    1100.0


CAPACITY FACTOR       0.71      0.73      0.59      0.67      0.60


FUEL QUALITY:
  COAL SULFUR (%)     2.47      2.46      2.16      2.08      2.04
  COAL HEAT (BTU/LB) 11520     11459     11498     11577     11788
  COAL ASH (%)       10.05     10.90     10.92     10.02      8.85
  OIL SULFUR (%)        .       0.43      0.28      0.25      0.25
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DATA FOR THE 200 LARGEST SO2 EMITTERS (1976-1980)

PLANT: SIOUX
1980 SO2 RANK 42
STATE: MISSOURI
ORIS CODE 52997 2107

	1976	1977	1978	1979	1980
SO2 EMISSIONS:					
TOTAL (1000 TONS)	116.8	124.0	87.6	96.8	97.2
COAL (1000 TONS)	116.8	124.0	87.6	96.8	97.1
OIL (1000 TONS)	0.0	0.0	0.0	0.0	0.0
GAS (1000 TONS)	0.0	0.0	0.0	0.0	0.0
SCRUBBER OPERATING?	NO	NO	NO	NO	NO
SO2 REM. (1000 TONS)	0.0	0.0	0.0	0.0	0.0
SO2 EMISSIONS RANK	40	39	55	48	42
FUEL USED:					
COAL (1000 TONS)	2002.4	2139.5	1905.3	2391.3	2086.4
OIL (1000 BBLS)	13.4	9.6	10.7	9.5	12.7
GAS (1000 MCF)	0.0	0.0	0.0	0.0	0.0
FUEL HEAT VALUE (10**12 BTU):					
COAL	44.1	47.3	40.2	50.3	43.3
OIL	0.1	0.1	0.1	0.1	0.1
GAS	.	.	.	.	.
TOTAL	44.2	47.4	40.2	50.3	43.4
GENERATION (TWHRS)	4.2	4.4	3.8	4.7	4.0
HEAT RATE (BTU/KWHR)	10490	10750	10500	10700	10930
TOTAL CAPACITY (MW)	1100.0	1100.0	1100.0	1100.0	1100.0
CAPACITY FACTOR	0.44	0.46	0.40	0.49	0.41
FUEL QUALITY:					
COAL SULFUR (%)	3.07	3.05	2.42	2.13	2.45
COAL HEAT (BTU/LB)	11005	11055	10538	10508	10388
COAL ASH (%)	11.46	10.07	9.85	10.02	9.37
OIL SULFUR (%)	0.40	0.40	0.31	0.38	0.36

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                DATA FOR THE 200 LARGEST SO2 EMITTERS (1976-1980)


PLANT:  SHAWNEE
1980 SO2 RANK  43
STATE: KENTUCKY
ORIS CODE  52987 1379

                           1976        1977        1978        1979        1980


SO2 EMISSIONS:
  TOTAL (1000 TONS)       296.9       282.8       156.9       115.1        96.6
  COAL (1000 TONS)        296.9       282.8       156.9       115.1        96.5
  OIL (1000 TONS)           0.0         0.0         0.0         0.0         0.1
  GAS (1000 TONS)           0.0         0.0         0.0         0.0         0.0

SCRUBBER OPERATING?         YES         YES         YES         YES         YES
SO2 REM. (1000 TONS)        3.1         2.9         1.6         1.2         1.0

SO2 EMISSIONS RANK            6           7          21          37          43


FUEL USED:
  COAL (1000 TONS)       4770.1      4542.9      3707.9      3172.2      3564.2
  OIL (1000 BBLS)           0.0         0.0         0.0         8.5        20.0
  GAS (1000 MCF)            0.0         0.0         0.0         0.0         0.0


FUEL HEAT VALUE (10**12 BTU):
  COAL                    104.1        98.3        80.1        76.3        88.5
  OIL                         .           .           .         0.0         0.1
  GAS                         .           .           .           .           .

  TOTAL                   104.1        98.3        80.1        76.4        88.6


GENERATION (TWHRS)         10.0         9.3         7.5         7.1         8.4


HEAT RATE (BTU/KWHR)      10430       10530       10750       10690       10490


TOTAL CAPACITY (MW)      1750.0      1750.0      1750.0      1750.0      1750.0


CAPACITY FACTOR            0.65        0.61        0.49        0.47        0.55


FUEL QUALITY:
  COAL SULFUR (%)          3.31        3.31        2.25        1.93        1.44
  COAL HEAT (BTU/LB)      10913       10823       10797       12031       12413
  COAL ASH (%)            14.59       14.96       12.81       10.45        8.61
  OIL SULFUR (%)              .           .           .        0.50        0.50
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DATA FOR THE 200 LARGEST SO2 EMITTERS (1976-1980)

PLANT: FT MARTIN
1980 SO2 RANK 44
STATE: WEST VIRGINIA
ORIS CODE 54017 3943

	1976	1977	1978	1979	1980
SO2 EMISSIONS:					
TOTAL (1000 TONS)	94.0	117.6	80.0	103.8	95.1
COAL (1000 TONS)	94.0	117.6	79.9	103.8	95.0
OIL (1000 TONS)	0.0	0.0	0.1	0.0	0.1
GAS (1000 TONS)	0.0	0.0	0.0	0.0	0.0
SCRUBBER OPERATING?	NO	NO	NO	NO	NO
SO2 REM. (1000 TONS)	0.0	0.0	0.0	0.0	0.0
SO2 EMISSIONS RANK	59	44	61	43	44
FUEL USED:					
COAL (1000 TONS)	2412.6	3033.5	2092.5	2967.9	2577.0
OIL (1000 BBLS)	18.3	15.9	57.1	22.6	34.5
GAS (1000 MCF)	0.0	0.0	0.0	0.0	0.0
FUEL HEAT VALUE (10**12 BTU):					
COAL	59.3	74.0	51.4	72.5	62.2
OIL	0.1	0.1	0.3	0.1	0.2
GAS	.	.	.	.	.
TOTAL	59.5	74.1	51.7	72.6	62.4
GENERATION (TWHRS)	6.0	7.4	5.3	7.6	6.4
HEAT RATE (BTU/KWHR)	9840	10080	9710	9550	9770
TOTAL CAPACITY (MW)	1152.0	1152.0	1152.0	1152.0	1152.0
CAPACITY FACTOR	0.60	0.73	0.53	0.75	0.63
FUEL QUALITY:					
COAL SULFUR (%)	2.05	2.04	2.01	1.84	1.94
COAL HEAT (BTU/LB)	12298	12199	12280	12209	12077
COAL ASH (%)	11.96	12.35	12.76	12.27	12.98
OIL SULFUR (%)	0.30	0.30	0.30	0.30	0.30

DATA FOR THE 200 LARGEST SO2 EMITTERS (1976-1980)

PLANT: TANNERS CREEK
1980 SO2 RANK 45
STATE: INDIANA
ORIS CODE 57745 988

	1976	1977	1978	1979	1980
SO2 EMISSIONS:					
TOTAL (1000 TONS)	132.8	139.5	80.3	90.4	94.9
COAL (1000 TONS)	132.7	139.5	80.3	90.4	94.8
OIL (1000 TONS)	0.0	0.0	0.1	0.0	0.1
GAS (1000 TONS)	0.0	0.0	0.0	0.0	0.0
SCRUBBER OPERATING?	NO	NO	NO	NO	NO
SO2 REM. (1000 TONS)	0.0	0.0	0.0	0.0	0.0
SO2 EMISSIONS RANK	32	34	60	51	45
FUEL USED:					
COAL (1000 TONS)	2025.1	2022.9	1912.2	2086.6	1955.7
OIL (1000 BBLS)	11.5	19.0	43.5	19.1	36.3
GAS (1000 MCF)	0.0	0.0	0.0	0.0	0.0
FUEL HEAT VALUE (10**12 BTU):					
COAL	45.0	44.2	41.8	48.0	45.1
OIL	0.1	0.1	0.3	0.1	0.2
GAS	.	.	.	.	.
TOTAL	45.1	44.3	42.0	48.1	45.3
GENERATION (TWHRS)	4.7	4.6	4.3	4.8	4.5
HEAT RATE (BTU/KWHR)	9640	9720	9800	10070	10170
TOTAL CAPACITY (MW)	1100.0	1100.0	1100.0	1100.0	1100.0
CAPACITY FACTOR	0.48	0.47	0.45	0.50	0.46
FUEL QUALITY:					
COAL SULFUR (%)	3.45	3.63	2.21	2.28	2.55
COAL HEAT (BTU/LB)	11115	10918	10924	11496	11528
COAL ASH (%)	13.45	13.90	12.87	11.32	11.29
OIL SULFUR (%)	0.31	0.34	0.37	0.32	0.30

DATA FOR THE 200 LARGEST SO2 EMITTERS (1976-1980)

PLANT: MILL CREEK
1980 SO2 RANK 46
STATE: KENTUCKY
ORIS CODE 51695 1364

	1976	1977	1978	1979	1980
SO2 EMISSIONS:					
TOTAL (1000 TONS)	112.3	111.1	93.8	98.6	94.1
COAL (1000 TONS)	112.3	111.1	93.8	98.5	94.0
OIL (1000 TONS)	0.0	0.0	0.0	0.0	0.1
GAS (1000 TONS)	0.0	0.0	0.0	0.0	0.0
SCRUBBER OPERATING?	NO	NO	YES	YES	YES
SO2 REM. (1000 TONS)	0.0	0.0	15.1	46.4	44.3
SO2 EMISSIONS RANK	43	46	48	46	46
FUEL USED:					
COAL (1000 TONS)	1512.0	1522.8	1808.0	2161.6	2085.6
OIL (1000 BBLS)	0.0	0.0	7.6	17.7	16.6
GAS (1000 MCF)	0.0	0.0	123.5	75.4	84.4
FUEL HEAT VALUE (10**12 BTU):					
COAL	33.0	33.1	38.7	47.1	45.7
OIL	.	.	0.0	0.1	0.1
GAS	.	.	0.1	0.1	0.1
TOTAL	33.0	33.1	38.8	47.3	45.9
GENERATION (TWHRS)	3.4	3.3	3.9	4.7	4.6
HEAT RATE (BTU/KWHR)	9740	9900	9870	10110	9990
TOTAL CAPACITY (MW)	711.0	711.0	904.0	1174.0	1174.0
CAPACITY FACTOR	0.54	0.54	0.50	0.46	0.45
FUEL QUALITY:					
COAL SULFUR (%)	3.91	3.84	3.17	3.53	3.49
COAL HEAT (BTU/LB)	10917	10870	10691	10905	10951
COAL ASH (%)	14.46	14.85	15.44	14.26	14.38
OIL SULFUR (%)	.	.	0.24	0.17	0.23

DATA FOR THE 200 LARGEST SO2 EMITTERS (1976-1980)

PLANT: MORGANTOWN
1980 SO2 RANK 47
STATE: MARYLAND
ORIS CODE 52371 1573

	1976	1977	1978	1979	1980
SO2 EMISSIONS:					
TOTAL (1000 TONS)	75.4	70.6	81.7	80.5	92.0
COAL (1000 TONS)	52.6	49.1	67.1	76.7	90.0
OIL (1000 TONS)	22.8	21.5	14.6	3.9	2.0
GAS (1000 TONS)	0.0	0.0	0.0	0.0	0.0
SCRUBBER OPERATING?	NO	NO	NO	NO	NO
SO2 REM. (1000 TONS)	0.0	0.0	0.0	0.0	0.0
SO2 EMISSIONS RANK	71	76	58	56	47
FUEL USED:					
COAL (1000 TONS)	1689.3	1557.7	2138.8	2401.6	2548.1
OIL (1000 BBLS)	3815.1	3713.6	2934.6	961.6	534.9
GAS (1000 MCF)	0.0	0.0	0.0	0.0	0.0
FUEL HEAT VALUE (10**12 BTU):					
COAL	41.5	38.0	52.2	59.1	62.7
OIL	23.8	23.1	18.2	5.9	3.2
GAS	.	.	.	.	.
TOTAL	65.3	61.1	70.4	65.0	65.9
GENERATION (TWHRS)	6.9	6.5	7.6	7.0	6.8
HEAT RATE (BTU/KWHR)	9440	9410	9290	9320	9660
TOTAL CAPACITY (MW)	1548.0	1548.0	1548.0	1548.0	1548.0
CAPACITY FACTOR	0.51	0.48	0.56	0.51	0.50
FUEL QUALITY:					
COAL SULFUR (%)	1.64	1.66	1.65	1.68	1.86
COAL HEAT (BTU/LB)	12285	12203	12197	12298	12297
COAL ASH (%)	13.03	13.08	12.82	12.81	13.66
OIL SULFUR (%)	1.79	1.73	1.49	1.21	1.26

DATA FOR THE 200 LARGEST SO2 EMITTERS (1976-1980)

PLANT: MOUNT STORM
1980 SO2 RANK 48
STATE: WEST VIRGINIA
ORIS CODE 53146 3954

	1976	1977	1978	1979	1980
SO2 EMISSIONS:					
TOTAL (1000 TONS)	115.2	121.3	111.0	113.6	91.7
COAL (1000 TONS)	115.1	120.8	110.3	113.0	90.7
OIL (1000 TONS)	0.1	0.5	0.7	0.6	1.0
GAS (1000 TONS)	0.0	0.0	0.0	0.0	0.0
SCRUBBER OPERATING?	NO	NO	NO	NO	NO
SO2 REM. (1000 TONS)	0.0	0.0	0.0	0.0	0.0
SO2 EMISSIONS RANK	41	41	42	40	48
FUEL USED:					
COAL (1000 TONS)	3542.5	3475.0	3153.7	3081.0	2608.5
OIL (1000 BBLS)	429.2	592.5	723.4	463.3	295.5
GAS (1000 MCF)	0.0	0.0	0.0	0.0	0.0
FUEL HEAT VALUE (10**12 BTU):					
COAL	80.6	79.4	71.5	70.6	61.3
OIL	2.5	3.5	4.3	2.7	1.7
GAS	.	.	.	.	.
TOTAL	83.1	82.9	75.7	73.3	63.1
GENERATION (TWHRS)	8.0	7.5	6.8	7.0	5.7
HEAT RATE (BTU/KWHR)	10400	10980	11070	10550	11150
TOTAL CAPACITY (MW)	1681.0	1681.0	1681.0	1681.0	1681.0
CAPACITY FACTOR	0.54	0.51	0.46	0.47	0.38
FUEL QUALITY:					
COAL SULFUR (%)	1.71	1.83	1.84	1.93	1.83
COAL HEAT (BTU/LB)	11378	11428	11335	11461	11754
COAL ASH (%)	17.95	17.72	18.46	18.43	17.22
OIL SULFUR (%)	0.08	0.23	0.30	0.40	0.29

DATA FOR THE 200 LARGEST SO2 EMITTERS (1976-1980)

PLANT: MIAMI FORT
1980 SO2 RANK 49
STATE: OHIO
ORIS CODE 50556 2832

	1976	1977	1978	1979	1980
SO2 EMISSIONS:					
TOTAL (1000 TONS)	73.6	91.9	116.2	101.1	89.5
COAL (1000 TONS)	73.0	91.0	115.7	100.6	88.1
OIL (1000 TONS)	0.6	0.9	0.6	0.5	1.4
GAS (1000 TONS)	0.0	0.0	0.0	0.0	0.0
SCRUBBER OPERATING?	NO	NO	NO	NO	NO
SO2 REM. (1000 TONS)	0.0	0.0	0.0	0.0	0.0
SO2 EMISSIONS RANK	75	58	38	45	49
FUEL USED:					
COAL (1000 TONS)	1620.5	1871.9	2970.0	2787.3	2846.0
OIL (1000 BBLS)	664.7	837.5	753.5	578.9	415.4
GAS (1000 MCF)	0.0	0.0	0.0	0.0	0.0
FUEL HEAT VALUE (10**12 BTU):					
COAL	35.3	40.7	66.9	63.6	65.9
OIL	3.9	4.8	4.4	3.4	2.4
GAS	.	.	.	.	.
TOTAL	39.2	45.6	71.3	67.0	68.4
GENERATION (TWHRS)	3.7	4.2	6.6	6.4	6.6
HEAT RATE (BTU/KWHR)	10670	10810	10790	10490	10430
TOTAL CAPACITY (MW)	1122.0	1679.0	1679.0	1679.0	1679.0
CAPACITY FACTOR	0.37	0.29	0.45	0.43	0.44
FUEL QUALITY:					
COAL SULFUR (%)	2.37	2.56	2.05	1.90	1.63
COAL HEAT (BTU/LB)	10901	10880	11268	11407	11583
COAL ASH (%)	16.78	15.72	14.06	13.65	13.63
OIL SULFUR (%)	0.29	0.31	0.22	0.24	0.26

DATA FOR THE 200 LARGEST SO2 EMITTERS (1976-1980)

PLANT: AVON LAKE
1980 SO2 RANK 50
STATE: OHIO
ORIS CODE 50587 2836

	1976	1977	1978	1979	1980
SO2 EMISSIONS:					
TOTAL (1000 TONS)	150.2	182.3	121.4	107.4	89.5
COAL (1000 TONS)	149.6	180.6	120.4	106.8	89.4
OIL (1000 TONS)	0.7	1.7	1.0	0.6	0.1
GAS (1000 TONS)	0.0	0.0	0.0	0.0	0.0
SCRUBBER OPERATING?	NO	NO	NO	NO	NO
SO2 REM. (1000 TONS)	0.0	0.0	0.0	0.0	0.0
SO2 EMISSIONS RANK	26	21	33	42	50
FUEL USED:					
COAL (1000 TONS)	2268.8	2837.3	2215.0	2204.4	1775.8
OIL (1000 BBLS)	203.0	428.4	305.2	215.2	48.8
GAS (1000 MCF)	0.0	0.0	0.0	0.0	0.0
FUEL HEAT VALUE (10**12 BTU):					
COAL	53.5	66.5	51.6	52.8	42.9
OIL	1.2	2.6	1.9	1.3	0.3
GAS	.	.	.	.	.
TOTAL	54.7	69.1	53.5	54.1	43.2
GENERATION (TWHRS)	5.4	6.7	5.1	5.1	4.0
HEAT RATE (BTU/KWHR)	10130	10270	10440	10680	10800
TOTAL CAPACITY (MW)	1307.0	1307.0	1307.0	1307.0	1307.0
CAPACITY FACTOR	0.47	0.59	0.45	0.44	0.35
FUEL QUALITY:					
COAL SULFUR (%)	3.47	3.35	2.86	2.55	2.65
COAL HEAT (BTU/LB)	11789	11714	11648	11975	12079
COAL ASH (%)	12.40	12.68	12.49	11.81	10.99
OIL SULFUR (%)	0.97	1.17	0.98	0.89	0.24

DATA FOR THE 200 LARGEST SO2 EMITTERS (1976-1980)

PLANT: KINGSTON
1980 SO2 RANK 51
STATE: TENNESSEE
ORIS CODE 52987 3407

	1976	1977	1978	1979	1980
SO2 EMISSIONS:					
TOTAL (1000 TONS)	187.1	178.4	152.7	96.2	88.6
COAL (1000 TONS)	187.1	178.4	152.7	96.2	88.6
OIL (1000 TONS)	0.0	0.0	0.0	0.0	0.0
GAS (1000 TONS)	0.0	0.0	0.0	0.0	0.0
SCRUBBER OPERATING?	NO	NO	NO	NO	NO
SO2 REM. (1000 TONS)	0.0	0.0	0.0	0.0	0.0
SO2 EMISSIONS RANK	21	24	22	49	51
FUEL USED:					
COAL (1000 TONS)	4226.3	4306.9	4253.5	3985.0	4482.8
OIL (1000 BBLS)	0.0	0.0	0.0	6.8	14.0
GAS (1000 MCF)	0.0	0.0	0.0	0.0	0.0
FUEL HEAT VALUE (10**12 BTU):					
COAL	99.6	99.9	98.6	94.1	107.0
OIL	.	.	.	0.0	0.1
GAS	.	.	.	.	.
TOTAL	99.6	99.9	98.6	94.1	107.1
GENERATION (TWHRS)	9.8	9.5	9.5	9.1	10.5
HEAT RATE (BTU/KWHR)	10210	10490	10380	10340	10160
TOTAL CAPACITY (MW)	1723.0	1723.0	1723.0	1723.0	1723.0
CAPACITY FACTOR	0.64	0.63	0.63	0.60	0.70
FUEL QUALITY:					
COAL SULFUR (%)	2.33	2.18	1.89	1.27	1.04
COAL HEAT (BTU/LB)	11785	11597	11594	11801	11935
COAL ASH (%)	16.07	15.78	14.80	13.43	12.35
OIL SULFUR (%)	.	.	.	0.50	0.50

DATA FOR THE 200 LARGEST SO2 EMITTERS (1976-1980)

PLANT: BELEWS CREEK
1980 SO2 RANK 52
STATE: NORTH CAROLINA
ORIS CODE 50816 8042

	1976	1977	1978	1979	1980
SO2 EMISSIONS:					
TOTAL (1000 TONS)	95.9	83.9	92.0	79.2	86.6
COAL (1000 TONS)	95.9	83.9	92.0	79.2	86.5
OIL (1000 TONS)	0.0	0.0	0.0	0.0	0.1
GAS (1000 TONS)	0.0	0.0	0.0	0.0	0.0
SCRUBBER OPERATING?	NO	NO	NO	NO	NO
SO2 REM. (1000 TONS)	0.0	0.0	0.0	0.0	0.0
SO2 EMISSIONS RANK	57	66	49	59	52
FUEL USED:					
COAL (1000 TONS)	4950.0	4699.7	4745.3	4630.9	4794.2
OIL (1000 BBLS)	0.0	0.0	0.6	2.2	28.8
GAS (1000 MCF)	0.0	0.0	0.0	0.0	0.0
FUEL HEAT VALUE (10**12 BTU):					
COAL	118.2	111.3	114.4	112.0	117.2
OIL	.	.	0.0	0.0	0.2
GAS	.	.	.	.	.
TOTAL	118.2	111.3	114.4	112.1	117.4
GENERATION (TWHRS)	13.2	12.4	12.6	12.4	13.1
HEAT RATE (BTU/KWHR)	8970	8980	9070	9040	8940
TOTAL CAPACITY (MW)	2160.0	2160.0	2160.0	2160.0	2160.0
CAPACITY FACTOR	0.69	0.65	0.67	0.65	0.69
FUEL QUALITY:					
COAL SULFUR (%)	1.02	0.94	1.02	0.90	0.95
COAL HEAT (BTU/LB)	11944	11837	12050	12097	12223
COAL ASH (%)	12.87	12.58	11.64	10.84	10.12
OIL SULFUR (%)	.	.	0.22	0.21	0.21

DATA FOR THE 200 LARGEST SO2 EMITTERS (1976-1980)

PLANT: GHENT
1980 SO2 RANK 53
STATE: KENTUCKY
ORIS CODE 51498 1356

	1976	1977	1978	1979	1980
SO2 EMISSIONS:					
TOTAL (1000 TONS)	95.6	79.9	75.4	63.8	85.4
COAL (1000 TONS)	95.6	79.9	75.4	63.8	85.4
OIL (1000 TONS)	0.0	0.0	0.0	0.0	0.0
GAS (1000 TONS)	0.0	0.0	0.0	0.0	0.0
SCRUBBER OPERATING?	NO	NO	NO	NO	NO
SO2 REM. (1000 TONS)	0.0	0.0	0.0	0.0	0.0
SO2 EMISSIONS RANK	58	70	70	79	53
FUEL USED:					
COAL (1000 TONS)	1562.5	1975.1	2088.0	1845.2	2247.4
OIL (1000 BBLS)	0.0	0.0	0.0	3.5	14.0
GAS (1000 MCF)	0.0	0.0	0.0	0.0	0.0
FUEL HEAT VALUE (10**12 BTU):					
COAL	34.0	44.8	48.1	43.1	51.7
OIL	.	.	.	0.0	0.1
GAS	.	.	.	.	.
TOTAL	34.0	44.8	48.1	43.1	51.8
GENERATION (TWHRS)	3.3	4.4	4.5	4.0	5.0
HEAT RATE (BTU/KWHR)	10170	10230	10600	10720	10280
TOTAL CAPACITY (MW)	557.0	1022.0	1113.0	1113.0	1113.0
CAPACITY FACTOR	0.68	0.49	0.47	0.41	0.52
FUEL QUALITY:					
COAL SULFUR (%)	3.22	2.13	1.90	1.82	2.00
COAL HEAT (BTU/LB)	10885	11331	11527	11678	11504
COAL ASH (%)	11.00	10.87	10.01	9.54	9.60
OIL SULFUR (%)	.	.	.	0.39	0.36

DATA FOR THE 200 LARGEST SO2 EMITTERS (1976-1980)

PLANT: MARSHALL
1980 SO2 RANK 54
STATE: NORTH CAROLINA
ORIS CODE 50816 2727

	1976	1977	1978	1979	1980
SO2 EMISSIONS:					
TOTAL (1000 TONS)	76.1	91.2	85.1	80.9	85.1
COAL (1000 TONS)	76.1	91.1	84.9	80.9	84.9
OIL (1000 TONS)	0.0	0.1	0.3	0.0	0.2
GAS (1000 TONS)	0.0	0.0	0.0	0.0	0.0
SCRUBBER OPERATING?	NO	NO	NO	NO	NO
SO2 REM. (1000 TONS)	0.0	0.0	0.0	0.0	0.0
SO2 EMISSIONS RANK	70	59	57	55	54
FUEL USED:					
COAL (1000 TONS)	3707.0	3928.8	3661.2	4173.7	4338.9
OIL (1000 BBLS)	14.6	93.3	298.0	26.7	61.8
GAS (1000 MCF)	0.0	0.0	0.0	0.0	0.0
FUEL HEAT VALUE (10**12 BTU):					
COAL	87.8	93.6	87.5	101.3	105.2
OIL	0.1	0.5	1.7	0.2	0.4
GAS	.	.	.	.	.
TOTAL	87.8	94.2	89.3	101.4	105.6
GENERATION (TWHRS)	9.6	10.2	9.8	11.2	11.8
HEAT RATE (BTU/KWHR)	9110	9220	9110	9060	8930
TOTAL CAPACITY (MW)	2000.0	2000.0	2000.0	2000.0	2000.0
CAPACITY FACTOR	0.55	0.58	0.56	0.64	0.67
FUEL QUALITY:					
COAL SULFUR (%)	1.08	1.22	1.22	1.02	1.03
COAL HEAT (BTU/LB)	11836	11917	11953	12133	12125
COAL ASH (%)	14.54	13.36	13.26	12.47	12.16
OIL SULFUR (%)	0.27	0.29	0.27	0.28	0.23

DATA FOR THE 200 LARGEST SO2 EMITTERS (1976-1980)

PLANT: BURGER
1980 SO2 RANK 55
STATE: OHIO
ORIS CODE 52154 2864

	1976	1977	1978	1979	1980
SO2 EMISSIONS:					
TOTAL (1000 TONS)	81.9	94.1	89.4	86.7	84.7
COAL (1000 TONS)	81.8	94.0	89.4	86.6	84.6
OIL (1000 TONS)	0.0	0.0	0.0	0.0	0.0
GAS (1000 TONS)	0.0	0.0	0.0	0.0	0.0
SCRUBBER OPERATING?	NO	NO	NO	NO	NO
SO2 REM. (1000 TONS)	0.0	0.0	0.0	0.0	0.0
SO2 EMISSIONS RANK	64	55	53	54	55
FUEL USED:					
COAL (1000 TONS)	1346.1	1438.9	1310.5	1259.6	1121.9
OIL (1000 BBLS)	14.2	21.9	30.1	18.4	8.6
GAS (1000 MCF)	0.0	0.0	0.0	0.0	0.0
FUEL HEAT VALUE (10**12 BTU):					
COAL	30.1	32.1	30.2	30.8	27.7
OIL	0.1	0.1	0.2	0.1	0.0
GAS	.	.	.	.	.
TOTAL	30.2	32.2	30.4	30.9	27.7
GENERATION (TWHRS)	2.7	2.9	2.6	2.7	2.5
HEAT RATE (BTU/KWHR)	11350	11270	11860	11430	11190
TOTAL CAPACITY (MW)	552.0	552.0	552.0	552.0	552.0
CAPACITY FACTOR	0.55	0.59	0.53	0.56	0.51
FUEL QUALITY:					
COAL SULFUR (%)	3.20	3.44	3.59	3.62	3.97
COAL HEAT (BTU/LB)	11197	11140	11534	12221	12334
COAL ASH (%)	16.01	16.12	14.83	13.23	11.51
OIL SULFUR (%)	0.65	0.53	0.31	0.49	0.50

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                DATA FOR THE 200 LARGEST SO2 EMITTERS (1976-1980)


PLANT:  BECKJORD
1980 SO2 RANK  56
STATE: OHIO
ORIS CODE  50556 2830
                               1976        1977        1978        1979        1980


SO2 EMISSIONS:
  TOTAL (1000 TONS)  107.7       137.4       116.5       108.7        84.4
  COAL (1000 TONS)   107.2       136.8       116.1       108.5        83.9
  OIL (1000 TONS)      0.4         0.6         0.4         0.2         0.5
  GAS (1000 TONS)      0.0         0.0         0.0         0.0         0.0

SCRUBBER OPERATING?     NO          NO          NO          NO          NO
SO2 REM. (1000 TONS)   0.0         0.0         0.0         0.0         0.0

SO2 EMISSIONS RANK      48          36          36          41          56


FUEL USED:
  COAL (1000 TONS)  2637.0      2638.2      2406.3      2462.2      2676.1
  OIL (1000 BBLS)    279.5       549.9       532.8       268.2       164.4
  GAS (1000 MCF)       0.0         0.0         0.0         0.0         0.0


FUEL HEAT VALUE (10**12 BTU):
  COAL                58.0        56.3        51.9        53.4        59.2
  OIL                  1.6         3.2         3.1         1.6         1.0
  GAS                   .           .           .           .           .

  TOTAL               59.7        59.5        55.0        54.9        60.2


GENERATION (TWHRS)     5.8         5.5         5.1         5.1         5.7


HEAT RATE (BTU/KWHR) 10310       10860       10780       10710       10580


TOTAL CAPACITY (MW) 1420.0      1416.0      1416.0      1416.0      1416.0


CAPACITY FACTOR       0.46        0.44        0.41        0.41        0.46


FUEL QUALITY:
  COAL SULFUR (%)     2.14        2.73        2.54        2.32        1.65
  COAL HEAT (BTU/LB) 11006       10675       10787       10835       11067
  COAL ASH (%)       16.12       18.56       17.88       17.39       17.24
  OIL SULFUR (%)      0.47        0.30        0.22        0.24        0.25
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DATA FOR THE 200 LARGEST SO2 EMITTERS (1976-1980)

PLANT: GORGAS 2 AND 3
1980 SO2 RANK 57
STATE: ALABAMA
ORIS CODE 50022 8

	1976	1977	1978	1979	1980
SO2 EMISSIONS:					
TOTAL (1000 TONS)	74.7	65.5	64.6	57.0	84.3
COAL (1000 TONS)	74.7	65.5	64.6	57.0	84.3
OIL (1000 TONS)	0.0	0.0	0.0	0.0	0.0
GAS (1000 TONS)	0.0	0.0	0.0	0.0	0.0
SCRUBBER OPERATING?	NO	NO	NO	NO	NO
SO2 REM. (1000 TONS)	0.0	0.0	0.0	0.0	0.0
SO2 EMISSIONS RANK	72	84	80	90	57
FUEL USED:					
COAL (1000 TONS)	3172.3	2737.4	2634.8	2342.9	2917.6
OIL (1000 BBLS)	0.0	0.0	0.0	0.0	38.9
GAS (1000 MCF)	0.0	0.0	0.0	0.0	0.0
FUEL HEAT VALUE (10**12 BTU):					
COAL	74.9	63.3	62.3	55.9	69.8
OIL	.	.	.	.	0.2
GAS	.	.	.	.	.
TOTAL	74.9	63.3	62.3	55.9	70.0
GENERATION (TWHRS)	7.3	6.0	6.0	5.3	6.7
HEAT RATE (BTU/KWHR)	10290	10500	10380	10520	10450
TOTAL CAPACITY (MW)	1546.0	1541.0	1486.0	1486.0	1486.0
CAPACITY FACTOR	0.54	0.45	0.46	0.41	0.51
FUEL QUALITY:					
COAL SULFUR (%)	1.24	1.26	1.29	1.28	1.52
COAL HEAT (BTU/LB)	11806	11567	11830	11926	11958
COAL ASH (%)	14.06	14.59	13.92	13.54	13.14
OIL SULFUR (%)	.	.	.	.	0.19

DATA FOR THE 200 LARGEST SO2 EMITTERS (1976-1980)

PLANT: BRAYTON
1980 SO2 RANK 58
STATE: MASSACHUSETTS
ORIS CODE 52007 1619

	1976	1977	1978	1979	1980
SO2 EMISSIONS:					
TOTAL (1000 TONS)	31.7	33.5	91.7	88.4	83.2
COAL (1000 TONS)	0.0	0.0	0.0	2.4	14.8
OIL (1000 TONS)	31.7	33.5	91.7	86.0	68.4
GAS (1000 TONS)	0.0	0.0	0.0	0.0	0.0
SCRUBBER OPERATING?	NO	NO	NO	NO	NO
SO2 REM. (1000 TONS)	0.0	0.0	0.0	0.0	0.0
SO2 EMISSIONS RANK	152	148	50	53	58
FUEL USED:					
COAL (1000 TONS)	0.0	0.0	0.0	49.0	671.7
OIL (1000 BBLS)	11434.8	11808.7	14088.3	12264.5	9994.9
GAS (1000 MCF)	0.0	0.0	0.0	0.0	0.0
FUEL HEAT VALUE (10**12 BTU):					
COAL	.	.	.	1.3	18.0
OIL	70.4	73.0	88.2	76.8	62.8
GAS	.	.	.	.	.
TOTAL	70.4	73.0	88.2	78.2	80.7
GENERATION (TWHRS)	7.3	7.6	9.2	8.0	8.4
HEAT RATE (BTU/KWHR)	9640	9630	9570	9760	9640
TOTAL CAPACITY (MW)	1611.0	1611.0	1611.0	1611.0	1611.0
CAPACITY FACTOR	0.52	0.54	0.65	0.57	0.59
FUEL QUALITY:					
COAL SULFUR (%)	.	.	.	2.63	1.16
COAL HEAT (BTU/LB)	.	.	.	13502	13376
COAL ASH (%)	.	.	.	0.00	7.22
OIL SULFUR (%)	0.83	0.85	1.95	2.10	2.05

DATA FOR THE 200 LARGEST SO2 EMITTERS (1976-1980)

PLANT: SEVIER
1980 SO2 RANK 59
STATE: TENNESSEE
ORIS CODE 52987 3405

	1976	1977	1978	1979	1980
SO2 EMISSIONS:					
TOTAL (1000 TONS)	89.2	93.8	63.2	68.4	81.4
COAL (1000 TONS)	89.2	93.8	63.2	68.4	81.4
OIL (1000 TONS)	0.0	0.0	0.0	0.0	0.0
GAS (1000 TONS)	0.0	0.0	0.0	0.0	0.0
SCRUBBER OPERATING?	NO	NO	NO	NO	NO
SO2 REM. (1000 TONS)	0.0	0.0	0.0	0.0	0.0
SO2 EMISSIONS RANK	61	56	83	71	59
FUEL USED:					
COAL (1000 TONS)	2183.9	2306.9	2130.9	1966.5	2089.9
OIL (1000 BBLS)	0.0	0.0	0.0	2.5	7.3
GAS (1000 MCF)	0.0	0.0	0.0	0.0	0.0
FUEL HEAT VALUE (10**12 BTU):					
COAL	50.2	53.5	49.6	46.7	50.7
OIL	.	.	.	0.0	0.0
GAS	.	.	.	.	.
TOTAL	50.2	53.5	49.6	46.7	50.8
GENERATION (TWHRS)	5.3	5.6	5.2	4.9	5.4
HEAT RATE (BTU/KWHR)	9490	9620	9540	9450	9390
TOTAL CAPACITY (MW)	846.0	846.0	846.0	846.0	846.0
CAPACITY FACTOR	0.71	0.75	0.70	0.67	0.73
FUEL QUALITY:					
COAL SULFUR (%)	2.15	2.14	1.56	1.83	2.05
COAL HEAT (BTU/LB)	11487	11598	11630	11869	12141
COAL ASH (%)	13.54	13.74	14.44	14.07	12.65
OIL SULFUR (%)	.	.	.	0.50	0.50

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                    DATA FOR THE 200 LARGEST SO2 EMITTERS (1976-1980)


PLANT:  FOUR CORNERS
1980 SO2 RANK  60
STATE: NEW MEXICO
ORIS CODE  50101 2442

                         1976        1977        1978        1979        1980


SO2 EMISSIONS:
  TOTAL (1000 TONS)      70.5        74.6        66.5        73.5        80.7
  COAL (1000 TONS)       70.5        74.6        66.5        73.5        80.7
  OIL (1000 TONS)         0.0         0.0         0.0         0.0         0.0
  GAS (1000 TONS)         0.0         0.0         0.0         0.0         0.0

SCRUBBER OPERATING?        NO          NO          NO         YES         YES
SO2 REM. (1000 TONS)      0.0         0.0         0.0         1.0        14.7

SO2 EMISSIONS RANK         80          74          78          66          60


FUEL USED:
  COAL (1000 TONS)     6686.2      6752.5      6207.9      6260.2      8015.6
  OIL (1000 BBLS)         0.0         0.0         0.0         0.0         0.0
  GAS (1000 MCF)       1346.0       680.7      1165.5      1125.1       906.9


FUEL HEAT VALUE (10**12 BTU):
  COAL                  117.5       118.6       109.1       109.8       139.6
  OIL                       .           .           .           .           .
  GAS                     1.5         0.7         1.3         1.3         1.0

  TOTAL                 118.9       119.3       110.4       111.1       140.6


GENERATION (TWHRS)       11.5        11.6        10.6        10.7        13.3


HEAT RATE (BTU/KWHR)    10320       10250       10390       10410       10560


TOTAL CAPACITY (MW)    2270.0      2270.0      2270.0      2270.0      2270.0


CAPACITY FACTOR          0.58        0.59        0.53        0.54        0.67


FUEL QUALITY:
  COAL SULFUR (%)        0.62        0.65        0.63        0.70        0.70
  COAL HEAT (BTU/LB)     8785        8783        8788        8769        8710
  COAL ASH (%)          22.43       21.31       21.70       21.96       22.43
  OIL SULFUR (%)            .           .           .           .           .
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DATA FOR THE 200 LARGEST SO2 EMITTERS (1976-1980)

PLANT: LA CYGNE
1980 SO2 RANK 61
STATE: KANSAS
ORIS CODE 51477 1241

	1976	1977	1978	1979	1980
SO2 EMISSIONS:					
TOTAL (1000 TONS)	35.5	70.4	80.8	68.3	78.0
COAL (1000 TONS)	35.4	70.2	80.7	68.2	77.8
OIL (1000 TONS)	0.1	0.2	0.2	0.1	0.2
GAS (1000 TONS)	0.0	0.0	0.0	0.0	0.0
SCRUBBER OPERATING?	YES	YES	YES	YES	YES
SO2 REM. (1000 TONS)	107.1	68.1	58.7	49.6	56.6
SO2 EMISSIONS RANK	139	77	59	72	61
FUEL USED:					
COAL (1000 TONS)	1772.6	2805.5	4118.9	3077.7	3481.4
OIL (1000 BBLS)	91.2	226.7	163.2	129.8	65.8
GAS (1000 MCF)	0.0	0.0	0.0	0.0	0.0
FUEL HEAT VALUE (10**12 BTU):					
COAL	33.0	51.8	72.2	54.3	61.6
OIL	0.5	1.3	0.9	0.8	0.4
GAS	.	.	.	.	.
TOTAL	33.6	53.1	73.1	55.1	62.0
GENERATION (TWHRS)	3.0	4.6	6.9	4.8	5.6
HEAT RATE (BTU/KWHR)	11220	11660	10540	11370	11150
TOTAL CAPACITY (MW)	873.0	1332.0	1558.0	1558.0	1558.0
CAPACITY FACTOR	0.39	0.39	0.51	0.36	0.41
FUEL QUALITY:					
COAL SULFUR (%)	4.73	2.90	1.99	2.25	2.27
COAL HEAT (BTU/LB)	9321	9236	8759	8827	8852
COAL ASH (%)	25.00	15.67	12.38	12.49	12.40
OIL SULFUR (%)	0.30	0.30	0.30	0.30	0.30

DATA FOR THE 200 LARGEST SO2 EMITTERS (1976-1980)

PLANT: NORTHPORT
1980 SO2 RANK 62
STATE: NEW YORK
ORIS CODE 51685 2516

	1976	1977	1978	1979	1980
SO2 EMISSIONS:					
TOTAL (1000 TONS)	80.8	84.5	78.4	75.3	77.6
COAL (1000 TONS)	0.0	0.0	0.0	0.0	0.0
OIL (1000 TONS)	80.8	84.5	78.4	75.3	77.6
GAS (1000 TONS)	0.0	0.0	0.0	0.0	0.0
SCRUBBER OPERATING?	NO	NO	NO	NO	NO
SO2 REM. (1000 TONS)	0.0	0.0	0.0	0.0	0.0
SO2 EMISSIONS RANK	65	64	63	63	62
FUEL USED:					
COAL (1000 TONS)	0.0	0.0	0.0	0.0	0.0
OIL (1000 BBLS)	9955.4	10461.3	11801.1	11056.2	11132.6
GAS (1000 MCF)	0.0	0.0	0.0	0.0	0.0
FUEL HEAT VALUE (10**12 BTU):					
COAL	.	.	.	.	.
OIL	62.8	66.1	74.2	69.4	70.1
GAS	.	.	.	.	.
TOTAL	62.8	66.1	74.2	69.4	70.1
GENERATION (TWHRS)	6.4	6.7	7.4	6.8	6.9
HEAT RATE (BTU/KWHR)	9810	9880	10020	10230	10170
TOTAL CAPACITY (MW)	1177.0	1210.0	1564.0	1564.0	1564.0
CAPACITY FACTOR	0.62	0.63	0.54	0.50	0.50
FUEL QUALITY:					
COAL SULFUR (%)	.	.	.	.	.
COAL HEAT (BTU/LB)	.	.	.	.	.
COAL ASH (%)	.	.	.	.	.
OIL SULFUR (%)	2.43	2.42	1.99	2.04	2.09

DATA FOR THE 200 LARGEST SO2 EMITTERS (1976-1980)

PLANT: CRIST
1980 SO2 RANK 63
STATE: FLORIDA
ORIS CODE 51208 641

	1976	1977	1978	1979	1980
SO2 EMISSIONS:					
TOTAL (1000 TONS)	98.4	89.6	78.1	77.3	76.3
COAL (1000 TONS)	97.2	89.0	77.4	77.2	76.3
OIL (1000 TONS)	1.2	0.6	0.7	0.1	0.1
GAS (1000 TONS)	0.0	0.0	0.0	0.0	0.0
SCRUBBER OPERATING?	NO	NO	NO	NO	NO
SO2 REM. (1000 TONS)	0.0	0.0	0.0	0.0	0.0
SO2 EMISSIONS RANK	56	60	65	60	63
FUEL USED:					
COAL (1000 TONS)	1608.5	1459.9	1482.1	1599.7	1592.7
OIL (1000 BBLS)	178.3	119.3	145.5	14.9	15.6
GAS (1000 MCF)	7579.2	7647.2	9141.7	7272.8	3969.5
FUEL HEAT VALUE (10**12 BTU):					
COAL	38.6	34.3	34.8	37.7	38.1
OIL	1.1	0.7	0.9	0.1	0.1
GAS	9.0	9.7	11.8	8.8	4.3
TOTAL	48.7	44.7	47.5	46.6	42.5
GENERATION (TWHRS)	4.2	3.8	3.7	3.9	3.8
HEAT RATE (BTU/KWHR)	11630	11830	12780	11820	11290
TOTAL CAPACITY (MW)	1229.0	1229.0	1229.0	1229.0	1229.0
CAPACITY FACTOR	0.39	0.35	0.35	0.37	0.35
FUEL QUALITY:					
COAL SULFUR (%)	3.18	3.21	2.75	2.54	2.52
COAL HEAT (BTU/LB)	11993	11752	11741	11789	11951
COAL ASH (%)	10.31	10.04	11.44	10.63	10.23
OIL SULFUR (%)	2.05	1.50	1.44	1.50	1.49

DATA FOR THE 200 LARGEST SO2 EMITTERS (1976-1980)

PLANT: S OAK CREEK
1980 SO2 RANK 64
STATE: WISCONSIN
ORIS CODE 53330 4041

	1976	1977	1978	1979	1980
SO2 EMISSIONS:					
TOTAL (1000 TONS)	88.7	83.9	73.4	66.6	75.7
COAL (1000 TONS)	88.7	83.8	73.3	66.5	75.6
OIL (1000 TONS)	0.0	0.0	0.1	0.1	0.1
GAS (1000 TONS)	0.0	0.0	0.0	0.0	0.0
SCRUBBER OPERATING?	NO	NO	NO	NO	NO
SO2 REM. (1000 TONS)	0.0	0.0	0.0	0.0	0.0
SO2 EMISSIONS RANK	62	67	71	76	64
FUEL USED:					
COAL (1000 TONS)	2037.4	2101.5	1928.9	1666.6	1529.8
OIL (1000 BBLS)	33.4	36.4	66.6	68.8	32.9
GAS (1000 MCF)	182.7	183.4	275.7	631.0	365.8
FUEL HEAT VALUE (10**12 BTU):					
COAL	43.5	44.5	40.5	34.8	31.4
OIL	0.2	0.2	0.4	0.4	0.2
GAS	0.2	0.2	0.3	0.7	0.4
TOTAL	43.9	44.9	41.2	35.9	32.0
GENERATION (TWHRS)	4.7	4.9	4.4	3.9	3.6
HEAT RATE (BTU/KWHR)	9250	9230	9420	9260	8960
TOTAL CAPACITY (MW)	1190.0	1190.0	1190.0	1190.0	1190.0
CAPACITY FACTOR	0.45	0.47	0.42	0.37	0.34
FUEL QUALITY:					
COAL SULFUR (%)	2.29	2.10	2.00	2.10	2.60
COAL HEAT (BTU/LB)	10674	10593	10500	10455	10272
COAL ASH (%)	.	.	.	.	.
OIL SULFUR (%)	0.40	0.37	0.35	0.48	0.43

DATA FOR THE 200 LARGEST SO2 EMITTERS (1976-1980)

PLANT: MICHIGAN CITY
1980 SO2 RANK 65
STATE: INDIANA
ORIS CODE 52101 997

	1976	1977	1978	1979	1980
SO2 EMISSIONS:					
TOTAL (1000 TONS)	74.6	69.9	52.8	69.0	75.4
COAL (1000 TONS)	74.6	69.9	52.8	69.0	75.4
OIL (1000 TONS)	0.0	0.0	0.0	0.0	0.0
GAS (1000 TONS)	0.0	0.0	0.0	0.0	0.0
SCRUBBER OPERATING?	NO	NO	NO	NO	NO
SO2 REM. (1000 TONS)	0.0	0.0	0.0	0.0	0.0
SO2 EMISSIONS RANK	73	78	100	68	65
FUEL USED:					
COAL (1000 TONS)	1486.6	1664.0	1511.6	1453.3	1468.9
OIL (1000 BBLS)	0.0	0.0	0.0	0.0	0.0
GAS (1000 MCF)	1873.2	96.5	1994.7	920.6	469.8
FUEL HEAT VALUE (10**12 BTU):					
COAL	31.5	35.2	31.9	31.1	31.3
OIL	.	.	.	.	.
GAS	1.9	0.1	2.0	0.9	0.5
TOTAL	33.4	35.3	33.9	32.1	31.7
GENERATION (TWHRS)	3.1	3.4	3.2	3.0	3.0
HEAT RATE (BTU/KWHR)	10650	10500	10600	10710	10430
TOTAL CAPACITY (MW)	736.0	736.0	736.0	730.0	661.0
CAPACITY FACTOR	0.49	0.52	0.50	0.47	0.52
FUEL QUALITY:					
COAL SULFUR (%)	2.64	2.21	1.84	2.50	2.70
COAL HEAT (BTU/LB)	10605	10571	10551	10715	10641
COAL ASH (%)	13.51	12.71	12.70	12.34	12.80
OIL SULFUR (%)	.	.	.	.	.

DATA FOR THE 200 LARGEST SO2 EMITTERS (1976-1980)

PLANT: ALLEN
1980 SO2 RANK 66
STATE: TENNESSEE
ORIS CODE 52987 3393

	1976	1977	1978	1979	1980
SO2 EMISSIONS:					
TOTAL (1000 TONS)	117.9	119.0	91.5	68.0	73.9
COAL (1000 TONS)	117.4	116.8	88.6	67.7	73.8
OIL (1000 TONS)	0.5	2.3	2.9	0.3	0.1
GAS (1000 TONS)	0.0	0.0	0.0	0.0	0.0
SCRUBBER OPERATING?	NO	NO	NO	NO	NO
SO2 REM. (1000 TONS)	0.0	0.0	0.0	0.0	0.0
SO2 EMISSIONS RANK	39	42	51	73	66
FUEL USED:					
COAL (1000 TONS)	1878.5	1674.7	1636.3	1570.8	1660.7
OIL (1000 BBLS)	226.3	965.0	1253.4	123.0	17.6
GAS (1000 MCF)	175.6	0.0	0.0	0.0	1104.6
FUEL HEAT VALUE (10**12 BTU):					
COAL	42.5	37.2	37.6	36.9	40.2
OIL	1.3	5.7	7.2	0.7	0.1
GAS	0.2	.	.	.	1.1
TOTAL	44.0	42.9	44.9	37.6	41.5
GENERATION (TWHRS)	4.4	4.2	4.3	3.9	4.3
HEAT RATE (BTU/KWHR)	9940	10330	10470	9760	9750
TOTAL CAPACITY (MW)	1611.0	1611.0	1611.0	1611.0	1611.0
CAPACITY FACTOR	0.31	0.29	0.30	0.27	0.30
FUEL QUALITY:					
COAL SULFUR (%)	3.29	3.67	2.85	2.27	2.34
COAL HEAT (BTU/LB)	11307	11107	11494	11755	12114
COAL ASH (%)	10.94	13.08	11.98	9.53	8.77
OIL SULFUR (%)	0.69	0.70	0.70	0.67	0.66

DATA FOR THE 200 LARGEST SO2 EMITTERS (1976-1980)

PLANT: CRYSTAL RIVER
1980 SO2 RANK 67
STATE: FLORIDA
ORIS CODE 51007 628

	1976	1977	1978	1979	1980
SO2 EMISSIONS:					
TOTAL (1000 TONS)	57.9	66.8	58.2	51.7	72.6
COAL (1000 TONS)	0.5	41.4	37.4	51.7	72.5
OIL (1000 TONS)	57.4	25.4	20.8	0.0	0.1
GAS (1000 TONS)	0.0	0.0	0.0	0.0	0.0
SCRUBBER OPERATING?	NO	NO	NO	NO	NO
SO2 REM. (1000 TONS)	0.0	0.0	0.0	0.0	0.0
SO2 EMISSIONS RANK	95	82	89	97	67
FUEL USED:					
COAL (1000 TONS)	12.6	842.1	1005.5	1648.2	1966.0
OIL (1000 BBLS)	7372.5	3334.0	2856.0	31.1	31.7
GAS (1000 MCF)	0.0	0.0	0.0	0.0	0.0
FUEL HEAT VALUE (10**12 BTU):					
COAL	0.3	19.0	23.8	39.2	46.2
OIL	46.4	21.0	17.8	0.2	0.2
GAS	.	.	.	.	.
TOTAL	46.7	40.0	41.7	39.4	46.4
GENERATION (TWHRS)	4.9	4.0	4.1	3.8	4.5
HEAT RATE (BTU/KWHR)	9540	10070	10260	10440	10350
TOTAL CAPACITY (MW)	964.0	964.0	964.0	964.0	964.0
CAPACITY FACTOR	0.58	0.47	0.48	0.45	0.53
FUEL QUALITY:					
COAL SULFUR (%)	2.15	2.59	1.96	1.65	1.94
COAL HEAT (BTU/LB)	11262	11261	11855	11892	11760
COAL ASH (%)	9.64	10.29	9.05	9.55	9.80
OIL SULFUR (%)	2.33	2.28	2.18	0.18	0.21

DATA FOR THE 200 LARGEST SO2 EMITTERS (1976-1980)

PLANT: BREED
1980 SO2 RANK 68
STATE: INDIANA
ORIS CODE 57745 984

	1976	1977	1978	1979	1980
SO2 EMISSIONS:					
TOTAL (1000 TONS)	78.1	77.4	78.0	45.1	71.0
COAL (1000 TONS)	78.1	77.4	78.0	45.1	71.0
OIL (1000 TONS)	0.0	0.0	0.0	0.0	0.0
GAS (1000 TONS)	0.0	0.0	0.0	0.0	0.0
SCRUBBER OPERATING?	NO	NO	NO	NO	NO
SO2 REM. (1000 TONS)	0.0	0.0	0.0	0.0	0.0
SO2 EMISSIONS RANK	66	72	66	113	68
FUEL USED:					
COAL (1000 TONS)	1151.2	1016.1	974.9	634.2	976.0
OIL (1000 BBLS)	2.6	3.8	4.4	0.4	4.4
GAS (1000 MCF)	0.0	0.0	0.0	0.0	0.0
FUEL HEAT VALUE (10**12 BTU):					
COAL	24.9	22.1	21.2	14.1	21.6
OIL	0.0	0.0	0.0	0.0	0.0
GAS	.	.	.	.	.
TOTAL	24.9	22.2	21.2	14.1	21.6
GENERATION (TWHRS)	2.6	2.3	2.2	1.5	2.3
HEAT RATE (BTU/KWHR)	9450	9460	9470	9420	9540
TOTAL CAPACITY (MW)	496.0	496.0	496.0	496.0	496.0
CAPACITY FACTOR	0.61	0.54	0.51	0.34	0.52
FUEL QUALITY:					
COAL SULFUR (%)	3.57	4.01	4.21	3.74	3.83
COAL HEAT (BTU/LB)	10826	10897	10853	11078	11046
COAL ASH (%)	10.79	10.82	11.69	9.61	10.08
OIL SULFUR (%)	0.31	0.34	0.37	0.32	0.30

DATA FOR THE 200 LARGEST SO2 EMITTERS (1976-1980)

PLANT: CANAL
1980 SO2 RANK 69
STATE: MASSACHUSETTS
ORIS CODE 50421 1599

	1976	1977	1978	1979	1980
SO2 EMISSIONS:					
TOTAL (1000 TONS)	31.4	37.2	70.7	68.4	70.6
COAL (1000 TONS)	0.0	0.0	0.0	0.0	0.0
OIL (1000 TONS)	31.4	37.2	70.7	68.4	70.6
GAS (1000 TONS)	0.0	0.0	0.0	0.0	0.0
SCRUBBER OPERATING?	NO	NO	NO	NO	NO
SO2 REM. (1000 TONS)	0.0	0.0	0.0	0.0	0.0
SO2 EMISSIONS RANK	155	139	73	70	69
FUEL USED:					
COAL (1000 TONS)	0.0	0.0	0.0	0.0	0.0
OIL (1000 BBLS)	9704.1	10498.2	9936.9	9616.9	9882.5
GAS (1000 MCF)	0.0	0.0	0.0	0.0	0.0
FUEL HEAT VALUE (10**12 BTU):					
COAL	.	.	.	.	.
OIL	59.8	64.6	62.0	60.2	62.1
GAS	.	.	.	.	.
TOTAL	59.8	64.6	62.0	60.2	62.1
GENERATION (TWHRS)	6.3	6.8	6.4	6.4	6.5
HEAT RATE (BTU/KWHR)	9450	9470	9710	9400	9600
TOTAL CAPACITY (MW)	1072.0	1072.0	1072.0	1072.0	1072.0
CAPACITY FACTOR	0.67	0.73	0.68	0.68	0.69
FUEL QUALITY:					
COAL SULFUR (%)	.	.	.	.	.
COAL HEAT (BTU/LB)	.	.	.	.	.
COAL ASH (%)	.	.	.	.	.
OIL SULFUR (%)	0.97	1.06	2.13	2.13	2.14

DATA FOR THE 200 LARGEST SO2 EMITTERS (1976-1980)

PLANT: ROXBORO
1980 SO2 RANK 70
STATE: NORTH CAROLINA
ORIS CODE 50441 2712

	1976	1977	1978	1979	1980
SO2 EMISSIONS:					
TOTAL (1000 TONS)	71.2	55.9	43.6	50.2	70.5
COAL (1000 TONS)	71.2	55.8	43.6	50.2	70.3
OIL (1000 TONS)	0.0	0.0	0.1	0.0	0.2
GAS (1000 TONS)	0.0	0.0	0.0	0.0	0.0
SCRUBBER OPERATING?	NO	NO	NO	NO	NO
SO2 REM. (1000 TONS)	0.0	0.0	0.0	0.0	0.0
SO2 EMISSIONS RANK	78	96	115	101	70
FUEL USED:					
COAL (1000 TONS)	3824.1	3416.3	2939.1	3720.8	4865.6
OIL (1000 BBLS)	47.4	70.9	121.1	57.5	72.3
GAS (1000 MCF)	0.0	0.0	0.0	0.0	0.0
FUEL HEAT VALUE (10**12 BTU):					
COAL	93.9	82.8	71.8	91.4	120.6
OIL	0.3	0.4	0.7	0.3	0.4
GAS	.	.	.	.	.
TOTAL	94.2	83.2	72.5	91.8	121.1
GENERATION (TWHRS)	9.7	8.5	7.3	9.6	12.1
HEAT RATE (BTU/KWHR)	9720	9740	9910	9560	10020
TOTAL CAPACITY (MW)	1829.0	1829.0	1829.0	1829.0	1829.0
CAPACITY FACTOR	0.60	0.53	0.46	0.60	0.75
FUEL QUALITY:					
COAL SULFUR (%)	0.98	0.86	0.78	0.71	0.76
COAL HEAT (BTU/LB)	12281	12120	12215	12285	12398
COAL ASH (%)	12.08	12.24	12.32	11.53	10.99
OIL SULFUR (%)	0.20	0.20	0.20	0.20	0.20

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                DATA FOR THE 200 LARGEST SO2 EMITTERS (1976-1980)


PLANT:  ASHTABULA
1980 SO2 RANK  71
STATE: OHIO
ORIS CODE  50587 2835

                          1976       1977       1978       1979       1980


SO2 EMISSIONS:
  TOTAL (1000 TONS)       71.2       87.2       88.8       80.3       68.5
  COAL (1000 TONS)        70.2       84.5       87.4       78.6       68.0
  OIL (1000 TONS)          1.0        2.7        1.4        1.6        0.5
  GAS (1000 TONS)          0.0        0.0        0.0        0.0        0.0

SCRUBBER OPERATING?         NO         NO         NO         NO         NO
SO2 REM. (1000 TONS)       0.0        0.0        0.0        0.0        0.0

SO2 EMISSIONS RANK          79         62         54         58         71


FUEL USED:
  COAL (1000 TONS)      1024.0     1199.2     1122.3     1091.7      972.7
  OIL (1000 BBLS)        188.3      540.7      312.0      319.0      101.0
  GAS (1000 MCF)           0.0        0.0        0.0        0.0        0.0


FUEL HEAT VALUE (10**12 BTU):
  COAL                    23.6       27.0       26.5       25.9       23.8
  OIL                      1.2        3.4        2.0        2.0        0.6
  GAS                        .          .          .          .          .

  TOTAL                   24.8       30.4       28.5       27.9       24.4


GENERATION (TWHRS)         2.2        2.7        2.5        2.5        2.2


HEAT RATE (BTU/KWHR)     11430      11310      11430      11150      11290


TOTAL CAPACITY (MW)      640.0      640.0      640.0      640.0      640.0


CAPACITY FACTOR           0.39       0.48       0.44       0.45       0.38


FUEL QUALITY:
  COAL SULFUR (%)         3.61       3.71       4.10       3.79       3.68
  COAL HEAT (BTU/LB)     11530      11258      11803      11861      12226
  COAL ASH (%)           14.33      15.92      13.53      12.80      11.55
  OIL SULFUR (%)          1.53       1.49       1.34       1.54       1.48
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DATA FOR THE 200 LARGEST SO2 EMITTERS (1976-1980)

PLANT: COLEMAN
1980 SO2 RANK 72
STATE: KENTUCKY
ORIS CODE 50244 1381

	1976	1977	1978	1979	1980
SO2 EMISSIONS:					
TOTAL (1000 TONS)	77.6	69.1	66.8	80.5	68.3
COAL (1000 TONS)	77.6	69.1	66.8	80.5	68.3
OIL (1000 TONS)	0.0	0.0	0.0	0.0	0.0
GAS (1000 TONS)	0.0	0.0	0.0	0.0	0.0
SCRUBBER OPERATING?	NO	NO	NO	NO	NO
SO2 REM. (1000 TONS)	0.0	0.0	0.0	0.0	0.0
SO2 EMISSIONS RANK	67	79	76	57	72
FUEL USED:					
COAL (1000 TONS)	1330.0	1547.6	1509.0	1586.1	1510.5
OIL (1000 BBLS)	0.0	0.0	0.0	0.0	0.0
GAS (1000 MCF)	0.0	0.0	0.0	9.2	83.5
FUEL HEAT VALUE (10**12 BTU):					
COAL	29.2	34.7	34.3	35.6	34.0
OIL	.	.	.	.	0.0
GAS	.	.	.	0.0	0.1
TOTAL	29.2	34.7	34.3	35.6	34.1
GENERATION (TWHRS)	2.8	3.2	3.2	3.3	3.2
HEAT RATE (BTU/KWHR)	10460	10720	10760	10660	10770
TOTAL CAPACITY (MW)	521.0	521.0	521.0	521.0	521.0
CAPACITY FACTOR	0.61	0.71	0.70	0.73	0.69
FUEL QUALITY:					
COAL SULFUR (%)	3.07	2.35	2.33	2.67	2.38
COAL HEAT (BTU/LB)	10962	11215	11359	11211	11259
COAL ASH (%)	12.20	11.34	11.13	11.97	11.37
OIL SULFUR (%)	.	.	.	.	0.36

DATA FOR THE 200 LARGEST SO2 EMITTERS (1976-1980)

PLANT: CENTRALIA
1980 SO2 RANK 73
STATE: WASHINGTON
ORIS CODE 52225 3845

	1976	1977	1978	1979	1980
SO2 EMISSIONS:					
TOTAL (1000 TONS)	37.0	53.9	69.8	76.5	68.3
COAL (1000 TONS)	37.0	53.9	69.8	76.4	68.2
OIL (1000 TONS)	0.0	0.0	0.0	0.1	0.1
GAS (1000 TONS)	0.0	0.0	0.0	0.0	0.0
SCRUBBER OPERATING?	NO	NO	NO	NO	NO
SO2 REM. (1000 TONS)	0.0	0.0	0.0	0.0	0.0
SO2 EMISSIONS RANK	132	102	74	61	73
FUEL USED:					
COAL (1000 TONS)	4106.9	5370.4	4233.0	5165.9	4950.4
OIL (1000 BBLS)	38.1	32.4	29.9	24.0	25.7
GAS (1000 MCF)	0.0	0.0	0.0	0.0	0.0
FUEL HEAT VALUE (10**12 BTU):					
COAL	66.5	87.0	68.6	83.7	80.2
OIL	0.2	0.2	0.2	0.1	0.2
GAS	.	.	.	.	.
TOTAL	66.8	87.2	68.8	83.8	80.4
GENERATION (TWHRS)	6.1	8.1	6.2	7.5	7.1
HEAT RATE (BTU/KWHR)	10900	10710	11040	11240	11250
TOTAL CAPACITY (MW)	1330.0	1330.0	1330.0	1330.0	1330.0
CAPACITY FACTOR	0.52	0.70	0.53	0.64	0.61
FUEL QUALITY:					
COAL SULFUR (%)	0.53	0.59	0.97	0.87	0.81
COAL HEAT (BTU/LB)	8100	8100	8100	8100	8100
COAL ASH (%)	15.22	15.18	16.14	16.00	16.34
OIL SULFUR (%)	0.20	0.02	0.03	1.63	1.63

DATA FOR THE 200 LARGEST SO2 EMITTERS (1976-1980)

PLANT: MONTICELLO
1980 SO2 RANK 74
STATE: TEXAS
ORIS CODE 52902 6147

	1976	1977	1978	1979	1980
SO2 EMISSIONS:					
TOTAL (1000 TONS)	59.7	54.0	51.0	58.4	68.2
COAL (1000 TONS)	59.5	53.9	50.2	57.4	67.0
OIL (1000 TONS)	0.2	0.1	0.8	1.0	1.2
GAS (1000 TONS)	0.0	0.0	0.0	0.0	0.0
SCRUBBER OPERATING?	NO	NO	YES	YES	YES
SO2 REM. (1000 TONS)	0.0	0.0	14.8	24.5	28.6
SO2 EMISSIONS RANK	91	101	104	88	74
FUEL USED:					
COAL (1000 TONS)	6606.2	5988.3	7215.3	9092.5	10612.7
OIL (1000 BBLS)	122.6	101.2	500.1	504.4	371.1
GAS (1000 MCF)	0.0	0.0	0.0	0.0	0.0
FUEL HEAT VALUE (10**12 BTU):					
COAL	81.9	74.3	89.5	111.4	122.7
OIL	0.8	0.6	3.1	3.1	2.3
GAS	.	.	.	.	.
TOTAL	82.7	74.9	92.5	114.5	125.0
GENERATION (TWHRS)	7.7	6.8	8.0	9.7	11.1
HEAT RATE (BTU/KWHR)	10670	10940	11570	11830	11300
TOTAL CAPACITY (MW)	1187.0	1187.0	1518.0	1980.0	1980.0
CAPACITY FACTOR	0.74	0.66	0.60	0.56	0.64
FUEL QUALITY:					
COAL SULFUR (%)	0.60	0.60	0.60	0.60	0.60
COAL HEAT (BTU/LB)	6200	6200	6200	6126	5780
COAL ASH (%)	14.30	14.30	14.30	14.30	14.30
OIL SULFUR (%)	0.49	0.44	0.50	0.59	0.51

DATA FOR THE 200 LARGEST SO2 EMITTERS (1976-1980)

PLANT: WIDOWS CREEK
1980 SO2 RANK 75
STATE: ALABAMA
ORIS CODE 52987 50

	1976	1977	1978	1979	1980
SO2 EMISSIONS:					
TOTAL (1000 TONS)	202.0	186.8	104.2	95.4	67.4
COAL (1000 TONS)	202.0	186.8	104.2	95.4	67.2
OIL (1000 TONS)	0.0	0.0	0.0	0.0	0.2
GAS (1000 TONS)	0.0	0.0	0.0	0.0	0.0
SCRUBBER OPERATING?	NO	YES	YES	YES	YES
SO2 REM. (1000 TONS)	0.0	24.0	25.2	23.0	16.2
SO2 EMISSIONS RANK	19	19	46	50	75
FUEL USED:					
COAL (1000 TONS)	3691.8	3710.7	3476.4	3549.4	3314.8
OIL (1000 BBLS)	0.0	0.0	0.0	16.0	47.1
GAS (1000 MCF)	0.0	0.0	0.0	0.0	0.0
FUEL HEAT VALUE (10**12 BTU):					
COAL	82.2	81.9	80.2	84.0	80.9
OIL	.	.	.	0.1	0.3
GAS	.	.	.	.	.
TOTAL	82.2	81.9	80.2	84.1	81.1
GENERATION (TWHRS)	7.8	7.7	7.3	7.6	7.4
HEAT RATE (BTU/KWHR)	10490	10610	11050	11010	10970
TOTAL CAPACITY (MW)	1978.0	1978.0	1978.0	1978.0	1978.0
CAPACITY FACTOR	0.45	0.45	0.42	0.44	0.43
FUEL QUALITY:					
COAL SULFUR (%)	2.88	2.99	2.21	2.16	1.63
COAL HEAT (BTU/LB)	11130	11041	11536	11833	12196
COAL ASH (%)	15.53	15.80	15.37	14.11	11.88
OIL SULFUR (%)	.	.	.	0.50	0.50

DATA FOR THE 200 LARGEST SO2 EMITTERS (1976-1980)

PLANT: WABASH RIVER
1980 SO2 RANK 76
STATE: INDIANA
ORIS CODE 52410 1010

	1976	1977	1978	1979	1980
SO2 EMISSIONS:					
TOTAL (1000 TONS)	90.6	95.7	66.1	75.6	66.0
COAL (1000 TONS)	90.6	95.6	65.9	75.5	65.8
OIL (1000 TONS)	0.1	0.1	0.2	0.1	0.1
GAS (1000 TONS)	0.0	0.0	0.0	0.0	0.0
SCRUBBER OPERATING?	NO	NO	NO	NO	NO
SO2 REM. (1000 TONS)	0.0	0.0	0.0	0.0	0.0
SO2 EMISSIONS RANK	60	54	79	62	76
FUEL USED:					
COAL (1000 TONS)	2091.3	1973.8	1582.8	1782.9	1526.0
OIL (1000 BBLS)	53.8	97.4	198.2	67.2	42.4
GAS (1000 MCF)	0.0	0.0	0.0	0.0	0.0
FUEL HEAT VALUE (10**12 BTU):					
COAL	45.0	42.6	34.3	38.8	33.2
OIL	0.3	0.6	1.1	0.4	0.2
GAS	.	.	.	.	.
TOTAL	45.3	43.2	35.4	39.2	33.4
GENERATION (TWHRS)	4.4	4.0	3.2	3.5	3.0
HEAT RATE (BTU/KWHR)	10380	10690	11010	11100	11200
TOTAL CAPACITY (MW)	970.0	970.0	970.0	970.0	970.0
CAPACITY FACTOR	0.51	0.48	0.38	0.42	0.35
FUEL QUALITY:					
COAL SULFUR (%)	2.28	2.55	2.19	2.23	2.27
COAL HEAT (BTU/LB)	10768	10790	10830	10892	10864
COAL ASH (%)	11.31	11.31	11.76	10.61	10.50
OIL SULFUR (%)	0.30	0.30	0.30	0.30	0.30

DATA FOR THE 200 LARGEST SO2 EMITTERS (1976-1980)

PLANT: WATSON
1980 SO2 RANK 77
STATE: MISSISSIPPI
ORIS CODE 51888 2049

	1976	1977	1978	1979	1980
SO2 EMISSIONS:					
TOTAL (1000 TONS)	60.5	64.6	60.7	64.6	65.9
COAL (1000 TONS)	58.3	63.5	60.0	64.5	65.9
OIL (1000 TONS)	2.2	1.1	0.6	0.1	0.0
GAS (1000 TONS)	0.0	0.0	0.0	0.0	0.0
SCRUBBER OPERATING?	NO	NO	NO	NO	NO
SO2 REM. (1000 TONS)	0.0	0.0	0.0	0.0	0.0
SO2 EMISSIONS RANK	90	86	86	77	77
FUEL USED:					
COAL (1000 TONS)	1615.1	1479.1	1367.8	1357.5	1349.4
OIL (1000 BBLS)	1454.8	1010.4	1024.4	96.8	7.2
GAS (1000 MCF)	2202.4	4065.3	3312.5	4397.1	3553.8
FUEL HEAT VALUE (10**12 BTU):					
COAL	37.5	34.2	32.8	32.5	32.6
OIL	8.4	5.9	6.0	0.6	0.0
GAS	2.3	4.2	3.4	4.6	3.7
TOTAL	48.1	44.3	42.3	37.8	36.4
GENERATION (TWHRS)	4.6	4.1	3.9	3.6	3.5
HEAT RATE (BTU/KWHR)	10510	10920	10860	10640	10420
TOTAL CAPACITY (MW)	1215.0	1215.0	1215.0	1215.0	1215.0
CAPACITY FACTOR	0.43	0.38	0.37	0.33	0.33
FUEL QUALITY:					
COAL SULFUR (%)	1.90	2.26	2.31	2.50	2.57
COAL HEAT (BTU/LB)	11607	11555	11996	11985	12090
COAL ASH (%)	11.29	12.37	11.87	11.48	10.64
OIL SULFUR (%)	0.46	0.33	0.19	0.28	2.61

DATA FOR THE 200 LARGEST SO2 EMITTERS (1976-1980)

PLANT: CAMPBELL
1980 SO2 RANK 78
STATE: MICHIGAN
ORIS CODE 50658 1710

	1976	1977	1978	1979	1980
SO2 EMISSIONS:					
TOTAL (1000 TONS)	65.3	75.5	76.9	62.6	65.5
COAL (1000 TONS)	65.3	75.5	76.9	62.6	65.2
OIL (1000 TONS)	0.0	0.0	0.0	0.0	0.3
GAS (1000 TONS)	0.0	0.0	0.0	0.0	0.0
SCRUBBER OPERATING?	NO	NO	NO	NO	NO
SO2 REM. (1000 TONS)	0.0	0.0	0.0	0.0	0.0
SO2 EMISSIONS RANK	84	73	68	81	78
FUEL USED:					
COAL (1000 TONS)	1176.8	1483.3	1605.4	1517.4	1834.3
OIL (1000 BBLS)	33.9	12.6	25.9	15.0	96.4
GAS (1000 MCF)	0.0	0.0	0.0	0.0	0.0
FUEL HEAT VALUE (10**12 BTU):					
COAL	26.2	33.3	36.0	34.1	42.2
OIL	0.2	0.1	0.1	0.1	0.6
GAS	.	.	.	.	.
TOTAL	26.4	33.3	36.1	34.2	42.7
GENERATION (TWHRS)	2.8	3.5	3.7	3.5	4.4
HEAT RATE (BTU/KWHR)	9500	9630	9770	9830	9780
TOTAL CAPACITY (MW)	671.0	671.0	671.0	671.0	799.0
CAPACITY FACTOR	0.47	0.59	0.63	0.59	0.62
FUEL QUALITY:					
COAL SULFUR (%)	2.92	2.68	2.52	2.17	1.87
COAL HEAT (BTU/LB)	11116	11217	11207	11236	11493
COAL ASH (%)	15.48	13.68	11.31	11.12	10.33
OIL SULFUR (%)	0.09	0.09	0.12	0.10	0.40

DATA FOR THE 200 LARGEST SO2 EMITTERS (1976-1980)

PLANT: ASBURY
1980 SO2 RANK 79
STATE: MISSOURI
ORIS CODE 50904 2076

	1976	1977	1978	1979	1980
SO2 EMISSIONS:					
TOTAL (1000 TONS)	56.4	51.5	55.4	59.8	65.0
COAL (1000 TONS)	56.4	51.5	55.4	59.7	64.9
OIL (1000 TONS)	0.0	0.0	0.0	0.0	0.0
GAS (1000 TONS)	0.0	0.0	0.0	0.0	0.0
SCRUBBER OPERATING?	NO	NO	NO	NO	NO
SO2 REM. (1000 TONS)	0.0	0.0	0.0	0.0	0.0
SO2 EMISSIONS RANK	98	110	96	86	79
FUEL USED:					
COAL (1000 TONS)	645.7	593.6	611.3	653.7	659.9
OIL (1000 BBLS)	1.8	2.0	1.6	2.2	1.4
GAS (1000 MCF)	0.0	0.0	0.0	0.0	0.0
FUEL HEAT VALUE (10**12 BTU):					
COAL	13.3	12.5	13.1	13.9	13.9
OIL	0.0	0.0	0.0	0.0	0.0
GAS	.	.	.	.	.
TOTAL	13.3	12.5	13.1	13.9	13.9
GENERATION (TWHRS)	1.3	1.2	1.2	1.3	1.4
HEAT RATE (BTU/KWHR)	10490	10470	10650	10550	10290
TOTAL CAPACITY (MW)	213.0	213.0	213.0	213.0	213.0
CAPACITY FACTOR	0.68	0.64	0.66	0.71	0.72
FUEL QUALITY:					
COAL SULFUR (%)	4.60	4.57	4.77	4.81	5.18
COAL HEAT (BTU/LB)	10318	10520	10679	10648	10537
COAL ASH (%)	23.28	22.45	20.95	21.05	22.80
OIL SULFUR (%)	0.85	0.76	0.70	0.87	0.61

DATA FOR THE 200 LARGEST SO2 EMITTERS (1976-1980)

PLANT: SHAWVILLE
1980 SO2 RANK 80
STATE: PENNSYLVANIA
ORIS CODE 54025 3131

	1976	1977	1978	1979	1980
SO2 EMISSIONS:					
TOTAL (1000 TONS)	67.7	66.1	60.8	70.9	64.7
COAL (1000 TONS)	67.7	66.1	60.8	70.9	64.5
OIL (1000 TONS)	0.0	0.0	0.0	0.0	0.2
GAS (1000 TONS)	0.0	0.0	0.0	0.0	0.0
SCRUBBER OPERATING?	NO	NO	NO	NO	NO
SO2 REM. (1000 TONS)	0.0	0.0	0.0	0.0	0.0
SO2 EMISSIONS RANK	82	83	65	67	80
FUEL USED:					
COAL (1000 TONS)	1696.5	1680.6	1702.3	1811.5	1631.6
OIL (1000 BBLS)	7.5	10.2	10.9	10.9	63.9
GAS (1000 MCF)	0.0	0.0	0.0	0.0	0.0
FUEL HEAT VALUE (10**12 BTU):					
COAL	42.1	41.2	42.2	44.4	39.7
OIL	0.0	0.1	0.1	0.1	0.4
GAS	.	.	.	.	.
TOTAL	42.2	41.3	42.3	44.5	40.1
GENERATION (TWHRS)	4.1	4.1	4.0	4.2	3.7
HEAT RATE (BTU/KWHR)	10270	10140	10700	10710	10760
TOTAL CAPACITY (MW)	631.0	631.0	631.0	631.0	631.0
CAPACITY FACTOR	0.74	0.74	0.72	0.75	0.67
FUEL QUALITY:					
COAL SULFUR (%)	2.10	2.07	1.88	2.06	2.08
COAL HEAT (BTU/LB)	12415	12262	12407	12258	12161
COAL ASH (%)	13.41	13.97	12.91	13.43	14.25
OIL SULFUR (%)	0.40	0.40	0.28	0.28	0.28

DATA FOR THE 200 LARGEST SO2 EMITTERS (1976-1980)

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PLANT:  CULLEY
1980 SO2 RANK  81
STATE: INDIANA
ORIS CODE  52727 1012

                        1976       1977       1978       1979       1980


SO2 EMISSIONS:
  TOTAL (1000 TONS)     64.0       83.2       76.0       67.4       63.7
  COAL (1000 TONS)      64.0       83.2       76.0       67.4       63.7
  OIL (1000 TONS)        0.0        0.0        0.0        0.0        0.0
  GAS (1000 TONS)        0.0        0.0        0.0        0.0        0.0

SCRUBBER OPERATING?       NO         NO         NO         NO         NO
SO2 REM. (1000 TONS)     0.0        0.0        0.0        0.0        0.0

SO2 EMISSIONS RANK        87         68         69         74         81


FUEL USED:
  COAL (1000 TONS)     996.1     1250.5     1208.4     1065.5     1077.2
  OIL (1000 BBLS)        0.9        1.2        1.5        1.8        1.7
  GAS (1000 MCF)         7.3        8.1        6.0        8.6        6.7


FUEL HEAT VALUE (10**12 BTU):
  COAL                  21.5       27.2       26.0       23.0       23.4
  OIL                    0.0        0.0        0.0        0.0        0.0
  GAS                    0.0        0.0        0.0        0.0        0.0

  TOTAL                 21.5       27.2       26.0       23.0       23.4


GENERATION (TWHRS)       2.0        2.5        2.4        2.1        2.2


HEAT RATE (BTU/KWHR) 10580      11010      10840      10770      10620


TOTAL CAPACITY (MW)  415.0      415.0      415.0      415.0      415.0


CAPACITY FACTOR         0.56       0.68       0.66       0.59       0.61


FUEL QUALITY:
  COAL SULFUR (%)       3.38       3.50       3.31       3.33       3.11
  COAL HEAT (BTU/LB) 10770      10869      10754      10793      10874
  COAL ASH (%)         10.99      11.10      11.38      11.21      10.49
  OIL SULFUR (%)        0.31       0.34       0.37       0.32       0.30
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DATA FOR THE 200 LARGEST SO2 EMITTERS (1976-1980)

PLANT: NAVAJO
1980 SO2 RANK 82
STATE: ARIZONA
ORIS CODE 52564 4941

	1976	1977	1978	1979	1980
SO2 EMISSIONS:					
TOTAL (1000 TONS)	54.0	60.0	46.3	59.9	63.3
COAL (1000 TONS)	53.4	59.7	45.8	59.7	62.9
OIL (1000 TONS)	0.6	0.4	0.5	0.2	0.4
GAS (1000 TONS)	0.0	0.0	0.0	0.0	0.0
SCRUBBER OPERATING?	NO	NO	NO	NO	NO
SO2 REM. (1000 TONS)	0.0	0.0	0.0	0.0	0.0
SO2 EMISSIONS RANK	102	92	109	85	82
FUEL USED:					
COAL (1000 TONS)	5851.6	7138.1	6023.7	7478.6	6894.0
OIL (1000 BBLS)	361.5	215.3	283.5	108.1	120.4
GAS (1000 MCF)	0.0	0.0	0.0	0.0	0.0
FUEL HEAT VALUE (10**12 BTU):					
COAL	123.9	154.7	131.4	161.9	149.6
OIL	2.1	1.2	1.7	0.6	0.7
GAS	.	.	.	.	.
TOTAL	126.0	155.9	133.1	162.6	150.3
GENERATION (TWHRS)	12.4	15.4	12.7	15.8	14.3
HEAT RATE (BTU/KWHR)	10170	10120	10450	10270	10520
TOTAL CAPACITY (MW)	2210.0	2409.0	2409.0	2409.0	2409.0
CAPACITY FACTOR	0.64	0.73	0.60	0.75	0.68
FUEL QUALITY:					
COAL SULFUR (%)	0.48	0.44	0.40	0.42	0.48
COAL HEAT (BTU/LB)	10587	10836	10908	10827	10853
COAL ASH (%)	10.60	9.66	8.94	9.43	9.55
OIL SULFUR (%)	0.50	0.50	0.50	0.50	0.45

DATA FOR THE 200 LARGEST SO2 EMITTERS (1976-1980)

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PLANT:  MARTINS CREEK
1980 SO2 RANK  83
STATE: PENNSYLVANIA
ORIS CODE  52288 3148

                          1976       1977       1978       1979       1980


SO2 EMISSIONS:
  TOTAL (1000 TONS)       41.0       61.2       57.9       58.6       60.3
  COAL (1000 TONS)        30.5       30.9       23.4       27.6       31.6
  OIL (1000 TONS)         10.5       30.3       34.5       31.0       28.7
  GAS (1000 TONS)          0.0        0.0        0.0        0.0        0.0

SCRUBBER OPERATING?         NO         NO         NO         NO         NO
SO2 REM. (1000 TONS)       0.0        0.0        0.0        0.0        0.0

SO2 EMISSIONS RANK         121         90         91         87         83


FUEL USED:
  COAL (1000 TONS)       732.0      729.1      582.0      665.9      792.1
  OIL (1000 BBLS)       3393.3    10086.1    10987.6     9890.6     9758.7
  GAS (1000 MCF)           0.0        0.0        0.0        0.0        0.0


FUEL HEAT VALUE (10**12 BTU):
  COAL                    18.4       17.9       14.6       16.8       19.6
  OIL                     20.2       60.7       66.4       60.5       60.0
  GAS                        .          .          .          .          .

  TOTAL                   38.6       78.6       81.0       77.3       79.6


GENERATION (TWHRS)         3.6        7.9        7.7        7.2        7.4


HEAT RATE (BTU/KWHR)     10630       9990      10470      10670      10740


TOTAL CAPACITY (MW)     1263.0     2113.0     2113.0     2113.0     2113.0


CAPACITY FACTOR           0.33       0.43       0.42       0.39       0.40


FUEL QUALITY:
  COAL SULFUR (%)         2.19       2.23       2.12       2.18       2.10
  COAL HEAT (BTU/LB)     12564      12307      12535      12639      12369
  COAL ASH (%)           11.36      12.47      11.70      12.35      14.06
  OIL SULFUR (%)          0.93       0.90       0.94       0.94       0.88
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DATA FOR THE 200 LARGEST SO2 EMITTERS (1976-1980)

PLANT: GALLAGHER
1980 SO2 RANK 84
STATE: INDIANA
ORIS CODE 52410 1008

	1976	1977	1978	1979	1980
SO2 EMISSIONS:					
TOTAL (1000 TONS)	102.6	92.8	77.5	62.2	59.5
COAL (1000 TONS)	102.6	92.7	77.4	62.2	59.4
OIL (1000 TONS)	0.1	0.1	0.1	0.0	0.1
GAS (1000 TONS)	0.0	0.0	0.0	0.0	0.0
SCRUBBER OPERATING?	NO	NO	NO	NO	NO
SO2 REM. (1000 TONS)	0.0	0.0	0.0	0.0	0.0
SO2 EMISSIONS RANK	51	57	67	82	84
FUEL USED:					
COAL (1000 TONS)	1592.6	1497.0	1292.9	982.4	1053.1
OIL (1000 BBLS)	67.2	81.3	110.4	47.4	36.3
GAS (1000 MCF)	0.0	0.0	0.0	0.0	0.0
FUEL HEAT VALUE (10**12 BTU):					
COAL	35.4	33.3	28.7	21.8	23.1
OIL	0.4	0.5	0.6	0.3	0.2
GAS	.	.	.	.	.
TOTAL	35.8	33.7	29.3	22.0	23.3
GENERATION (TWHRS)	3.4	3.2	2.7	2.0	2.1
HEAT RATE (BTU/KWHR)	10490	10400	10740	10860	11030
TOTAL CAPACITY (MW)	600.0	600.0	600.0	600.0	600.0
CAPACITY FACTOR	0.65	0.62	0.52	0.39	0.40
FUEL QUALITY:					
COAL SULFUR (%)	3.39	3.26	3.15	3.33	2.97
COAL HEAT (BTU/LB)	11104	11115	11083	11077	10979
COAL ASH (%)	10.28	9.56	10.80	9.89	9.67
OIL SULFUR (%)	0.30	0.30	0.30	0.30	0.30

DATA FOR THE 200 LARGEST SO2 EMITTERS (1976-1980)

PLANT: EDGEWATER
1980 SO2 RANK 85
STATE: WISCONSIN
ORIS CODE 53332 4050

	1976	1977	1978	1979	1980
SO2 EMISSIONS:					
TOTAL (1000 TONS)	45.5	42.6	40.2	54.7	58.0
COAL (1000 TONS)	45.5	42.6	40.2	54.7	58.0
OIL (1000 TONS)	0.0	0.0	0.0	0.0	0.0
GAS (1000 TONS)	0.0	0.0	0.0	0.0	0.0
SCRUBBER OPERATING?	NO	NO	NO	NO	NO
SO2 REM. (1000 TONS)	0.0	0.0	0.0	0.0	0.0
SO2 EMISSIONS RANK	111	127	123	92	85
FUEL USED:					
COAL (1000 TONS)	1019.5	1082.5	919.3	1081.9	1055.8
OIL (1000 BBLS)	3.0	2.6	3.0	4.0	3.5
GAS (1000 MCF)	0.0	0.0	0.0	0.0	0.0
FUEL HEAT VALUE (10**12 BTU):					
COAL	21.9	22.8	19.3	23.1	22.5
OIL	0.0	0.0	0.0	0.0	0.0
GAS	.	.	.	.	.
TOTAL	21.9	22.8	19.3	23.1	22.5
GENERATION (TWHRS)	2.1	2.2	1.9	2.3	2.2
HEAT RATE (BTU/KWHR)	10420	10220	10130	10250	10060
TOTAL CAPACITY (MW)	477.0	477.0	477.0	477.0	477.0
CAPACITY FACTOR	0.50	0.53	0.46	0.54	0.53
FUEL QUALITY:					
COAL SULFUR (%)	2.35	2.07	2.30	2.66	2.89
COAL HEAT (BTU/LB)	10737	10536	10503	10661	10651
COAL ASH (%)	10.61	10.92	9.67	9.78	9.23
OIL SULFUR (%)	0.40	0.37	0.35	0.48	0.43

DATA FOR THE 200 LARGEST SO2 EMITTERS (1976-1980)

PLANT: BIG SANDY
1980 SO2 RANK 86
STATE: KENTUCKY
ORIS CODE 54015 1353

	1976	1977	1978	1979	1980
SO2 EMISSIONS:					
TOTAL (1000 TONS)	56.6	54.4	57.6	45.8	57.9
COAL (1000 TONS)	56.5	54.3	57.5	45.7	57.8
OIL (1000 TONS)	0.1	0.1	0.1	0.1	0.2
GAS (1000 TONS)	0.0	0.0	0.0	0.0	0.0
SCRUBBER OPERATING?	NO	NO	NO	NO	NO
SO2 REM. (1000 TONS)	0.0	0.0	0.0	0.0	0.0
SO2 EMISSIONS RANK	97	100	92	109	86
FUEL USED:					
COAL (1000 TONS)	2653.5	2696.4	2363.5	2021.4	2534.5
OIL (1000 BBLS)	79.2	72.6	114.0	67.8	47.7
GAS (1000 MCF)	0.0	0.0	0.0	0.0	0.0
FUEL HEAT VALUE (10**12 BTU):					
COAL	61.3	62.4	53.6	45.8	59.2
OIL	0.5	0.4	0.7	0.4	0.3
GAS	.	.	.	.	.
TOTAL	61.8	62.8	54.3	46.3	59.5
GENERATION (TWHRS)	6.5	6.6	5.7	4.9	6.2
HEAT RATE (BTU/KWHR)	9560	9520	9600	9530	9670
TOTAL CAPACITY (MW)	1097.0	1097.0	1097.0	1097.0	1097.0
CAPACITY FACTOR	0.67	0.69	0.59	0.50	0.64
FUEL QUALITY:					
COAL SULFUR (%)	1.12	1.06	1.28	1.19	1.20
COAL HEAT (BTU/LB)	11555	11562	11343	11339	11679
COAL ASH (%)	12.92	13.04	13.30	13.50	12.60
OIL SULFUR (%)	0.43	0.31	0.24	0.39	0.36

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                DATA FOR THE 200 LARGEST SO2 EMITTERS (1976-1980)


PLANT:  ANCLOTE
1980 SO2 RANK  87
STATE: FLORIDA
ORIS CODE  51007 8048
                         1976      1977      1978      1979      1980


SO2 EMISSIONS:
  TOTAL (1000 TONS)      41.6      37.4      17.4      36.2      57.0
  COAL (1000 TONS)        0.0       0.0       0.0       0.0       0.0
  OIL (1000 TONS)        41.6      37.4      17.4      36.2      57.0
  GAS (1000 TONS)         0.0       0.0       0.0       0.0       0.0

SCRUBBER OPERATING?        NO        NO        NO        NO        NO
SO2 REM. (1000 TONS)      0.0       0.0       0.0       0.0       0.0

SO2 EMISSIONS RANK        119       138       222       134        87


FUEL USED:
  COAL (1000 TONS)        0.0       0.0       0.0       0.0       0.0
  OIL (1000 BBLS)      5341.4    4928.9    4966.9    6699.0    7624.4
  GAS (1000 MCF)          0.0       0.0       0.0       0.0       0.0


FUEL HEAT VALUE (10**12 BTU):
  COAL                     .         .         .         .         .
  OIL                    33.5      30.9      30.7      41.9      48.2
  GAS                      .         .         .         .         .

  TOTAL                  33.5      30.9      30.7      41.9      48.2


GENERATION (TWHRS)        3.6       3.2       3.2       4.3       5.0


HEAT RATE (BTU/KWHR)     9370      9570      9600      9640      9610


TOTAL CAPACITY (MW)     556.0     556.0     696.0    1112.0    1112.0


CAPACITY FACTOR          0.73      0.66      0.53      0.45      0.51


FUEL QUALITY:
  COAL SULFUR (%)          .         .         .         .         .
  COAL HEAT (BTU/LB)        .         .         .         .         .
  COAL ASH (%)             .         .         .         .         .
  OIL SULFUR (%)         2.33      2.27      1.05      1.62      2.24
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DATA FOR THE 200 LARGEST SO2 EMITTERS (1976-1980)

PLANT: BRUCE MANSFIELD
1980 SO2 RANK 88
STATE: PENNSYLVANIA
ORIS CODE 52289 6094

	1976	1977	1978	1979	1980
SO2 EMISSIONS:					
TOTAL (1000 TONS)	9.3	10.2	16.1	15.8	56.6
COAL (1000 TONS)	9.3	10.2	16.1	15.7	56.3
OIL (1000 TONS)	0.0	0.0	0.0	0.0	0.3
GAS (1000 TONS)	0.0	0.0	0.0	0.0	0.0
SCRUBBER OPERATING?	YES	YES	YES	YES	YES
SO2 REM. (1000 TONS)	83.4	91.5	144.5	192.4	188.9
SO2 EMISSIONS RANK	294	296	236	233	88
FUEL USED:					
COAL (1000 TONS)	1648.4	1794.6	2733.8	3444.6	3910.0
OIL (1000 BBLS)	23.9	38.7	48.1	43.7	101.8
GAS (1000 MCF)	0.0	0.0	0.0	0.0	0.0
FUEL HEAT VALUE (10**12 BTU):					
COAL	38.7	41.3	63.7	80.2	92.7
OIL	0.1	0.2	0.3	0.3	0.6
GAS	.	.	.	.	.
TOTAL	38.9	41.5	63.9	80.5	93.3
GENERATION (TWHRS)	4.0	4.0	6.1	7.6	8.8
HEAT RATE (BTU/KWHR)	9790	10500	10510	10560	10660
TOTAL CAPACITY (MW)	748.0	1032.0	1650.0	1827.0	2741.0
CAPACITY FACTOR	0.60	0.44	0.42	0.48	0.36
FUEL QUALITY:					
COAL SULFUR (%)	2.96	2.98	3.09	3.18	3.30
COAL HEAT (BTU/LB)	11747	11511	11642	11645	11857
COAL ASH (%)	14.92	16.18	15.31	14.63	13.57
OIL SULFUR (%)	0.23	0.20	0.16	0.30	0.39

DATA FOR THE 200 LARGEST SO2 EMITTERS (1976-1980)

PLANT: HARLLEE BRANCH
1980 SO2 RANK 89
STATE: GEORGIA
ORIS CODE 51100 709

	1976	1977	1978	1979	1980
SO2 EMISSIONS:					
TOTAL (1000 TONS)	65.0	65.4	59.4	36.6	55.1
COAL (1000 TONS)	65.0	65.4	59.4	36.5	55.0
OIL (1000 TONS)	0.0	0.0	0.0	0.0	0.0
GAS (1000 TONS)	0.0	0.0	0.0	0.0	0.0
SCRUBBER OPERATING?	NO	NO	NO	NO	NO
SO2 REM. (1000 TONS)	0.0	0.0	0.0	0.0	0.0
SO2 EMISSIONS RANK	85	85	87	132	89
FUEL USED:					
COAL (1000 TONS)	2876.0	2608.0	2265.9	1942.3	2334.9
OIL (1000 BBLS)	17.4	15.4	11.9	15.1	12.8
GAS (1000 MCF)	0.0	0.0	0.0	0.0	0.0
FUEL HEAT VALUE (10**12 BTU):					
COAL	68.4	62.3	54.4	47.5	57.1
OIL	0.1	0.1	0.1	0.1	0.1
GAS	.	.	.	.	.
TOTAL	68.5	62.4	54.4	47.6	57.2
GENERATION (TWHRS)	6.8	5.9	5.2	4.6	5.6
HEAT RATE (BTU/KWHR)	10070	10650	10450	10350	10190
TOTAL CAPACITY (MW)	1746.0	1746.0	1746.0	1746.0	1746.0
CAPACITY FACTOR	0.44	0.38	0.34	0.30	0.37
FUEL QUALITY:					
COAL SULFUR (%)	1.19	1.32	1.38	0.99	1.24
COAL HEAT (BTU/LB)	11897	11948	12000	12237	12231
COAL ASH (%)	12.27	12.06	11.77	10.42	10.38
OIL SULFUR (%)	0.30	0.30	0.30	0.30	0.16

DATA FOR THE 200 LARGEST SO2 EMITTERS (1976-1980)

PLANT: BROWN
1980 SO2 RANK 90
STATE: KENTUCKY
ORIS CODE 51498 1355

	1976	1977	1978	1979	1980
SO2 EMISSIONS:					
TOTAL (1000 TONS)	43.8	53.7	63.2	68.6	53.2
COAL (1000 TONS)	43.8	53.7	63.2	68.6	53.2
OIL (1000 TONS)	0.0	0.0	0.0	0.0	0.0
GAS (1000 TONS)	0.0	0.0	0.0	0.0	0.0
SCRUBBER OPERATING?	NO	NO	NO	NO	NO
SO2 REM. (1000 TONS)	0.0	0.0	0.0	0.0	0.0
SO2 EMISSIONS RANK	113	103	82	69	90
FUEL USED:					
COAL (1000 TONS)	1309.7	1393.2	1465.8	1485.8	1338.5
OIL (1000 BBLS)	0.0	0.0	0.0	1.2	4.9
GAS (1000 MCF)	0.0	0.0	0.0	0.0	0.0
FUEL HEAT VALUE (10**12 BTU):					
COAL	31.0	31.7	33.8	35.1	33.2
OIL	.	.	.	0.0	0.0
GAS	.	.	.	.	.
TOTAL	31.0	31.7	33.8	35.1	33.3
GENERATION (TWHRS)	3.0	3.0	3.2	3.2	3.1
HEAT RATE (BTU/KWHR)	10490	10540	10730	10850	10840
TOTAL CAPACITY (MW)	740.0	740.0	740.0	740.0	740.0
CAPACITY FACTOR	0.45	0.46	0.49	0.50	0.47
FUEL QUALITY:					
COAL SULFUR (%)	1.76	2.03	2.27	2.43	2.09
COAL HEAT (BTU/LB)	11828	11386	11527	11822	12420
COAL ASH (%)	12.34	14.71	14.86	13.42	10.36
OIL SULFUR (%)	.	.	.	0.39	0.36

DATA FOR THE 200 LARGEST SO2 EMITTERS (1976-1980)

PLANT: MERRIMACK
1980 SO2 RANK 91
STATE: NEW HAMPSHIRE
ORIS CODE 52411 2364

	1976	1977	1978	1979	1980
SO2 EMISSIONS:					
TOTAL (1000 TONS)	31.7	42.5	32.3	52.7	52.3
COAL (1000 TONS)	31.7	42.4	32.3	52.7	52.3
OIL (1000 TONS)	0.0	0.0	0.0	0.0	0.0
GAS (1000 TONS)	0.0	0.0	0.0	0.0	0.0
SCRUBBER OPERATING?	NO	NO	NO	NO	NO
SO2 REM. (1000 TONS)	0.0	0.0	0.0	0.0	0.0
SO2 EMISSIONS RANK	153	128	143	94	91
FUEL USED:					
COAL (1000 TONS)	750.9	958.9	779.4	1079.3	1080.1
OIL (1000 BBLS)	7.9	4.6	3.5	4.5	3.9
GAS (1000 MCF)	0.0	0.0	0.0	0.0	0.0
FUEL HEAT VALUE (10**12 BTU):					
COAL	20.2	25.6	20.3	29.0	29.0
OIL	0.0	0.0	0.0	0.0	0.0
GAS	.	.	.	.	.
TOTAL	20.3	25.7	20.3	29.0	29.0
GENERATION (TWHRS)	2.0	2.5	1.9	2.7	2.7
HEAT RATE (BTU/KWHR)	10360	10270	10460	10580	10600
TOTAL CAPACITY (MW)	496.0	496.0	496.0	496.0	496.0
CAPACITY FACTOR	0.45	0.57	0.45	0.63	0.63
FUEL QUALITY:					
COAL SULFUR (%)	2.22	2.33	2.18	2.57	2.55
COAL HEAT (BTU/LB)	13459	13364	13014	13427	13408
COAL ASH (%)	7.44	7.24	7.70	7.81	7.80
OIL SULFUR (%)	0.12	0.17	0.19	0.14	0.17

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              DATA FOR THE 200 LARGEST SO2 EMITTERS (1976-1980)


PLANT:  ROSETON
1980 SO2 RANK  92
STATE: NEW YORK
ORIS CODE  50484 8006

                          1976      1977      1978      1979      1980


SO2 EMISSIONS:
  TOTAL (1000 TONS)       52.4      55.9      67.7      61.3      52.3
  COAL (1000 TONS)         0.0       0.0       0.0       0.0       0.0
  OIL (1000 TONS)         52.4      55.9      67.7      61.3      52.3
  GAS (1000 TONS)          0.0       0.0       0.0       0.0       0.0

SCRUBBER OPERATING?         NO        NO        NO        NO        NO
SO2 REM. (1000 TONS)       0.0       0.0       0.0       0.0       0.0

SO2 EMISSIONS RANK         103        95        75        83        92


FUEL USED:
  COAL (1000 TONS)         0.0       0.0       0.0       0.0       0.0
  OIL (1000 BBLS)       8137.9    8856.4   10395.2    9517.4    8669.7
  GAS (1000 MCF)           0.0       0.0       0.0       0.0       0.0


FUEL HEAT VALUE (10**12 BTU):
  COAL                      .         .         .         .         .
  OIL                     50.6      54.8      64.7      59.3      54.1
  GAS                       .         .         .         .         .

  TOTAL                   50.6      54.8      64.7      59.3      54.1


GENERATION (TWHRS)         5.3       5.7       6.8       6.1       5.5


HEAT RATE (BTU/KWHR)      9600      9640      9550      9670      9850


TOTAL CAPACITY (MW)     1242.0    1242.0    1242.0    1242.0    1242.0


CAPACITY FACTOR           0.48      0.52      0.62      0.56      0.50


FUEL QUALITY:
  COAL SULFUR (%)           .         .         .         .         .
  COAL HEAT (BTU/LB)         .         .         .         .         .
  COAL ASH (%)              .         .         .         .         .
  OIL SULFUR (%)          1.93      1.89      1.95      1.93      1.81
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DATA FOR THE 200 LARGEST SO2 EMITTERS (1976-1980)

PLANT: DUNKIRK
1980 SO2 RANK 93
STATE: NEW YORK
ORIS CODE 52053 2554

	1976	1977	1978	1979	1980
SO2 EMISSIONS:					
TOTAL (1000 TONS)	57.4	53.4	52.1	60.0	52.0
COAL (1000 TONS)	57.4	53.4	52.1	59.9	51.9
OIL (1000 TONS)	0.0	0.0	0.0	0.0	0.1
GAS (1000 TONS)	0.0	0.0	0.0	0.0	0.0
SCRUBBER OPERATING?	NO	NO	NO	NO	NO
SO2 REM. (1000 TONS)	0.0	0.0	0.0	0.0	0.0
SO2 EMISSIONS RANK	96	105	102	84	93
FUEL USED:					
COAL (1000 TONS)	1313.7	1338.4	1372.0	1473.9	1270.0
OIL (1000 BBLS)	0.1	0.1	0.1	5.3	21.2
GAS (1000 MCF)	0.0	0.0	0.0	0.0	0.0
FUEL HEAT VALUE (10**12 BTU):					
COAL	33.2	33.7	34.6	37.4	32.4
OIL	0.0	0.0	0.0	0.0	0.1
GAS	.	.	.	.	.
TOTAL	33.2	33.7	34.6	37.4	32.5
GENERATION (TWHRS)	3.3	3.3	3.4	3.6	3.2
HEAT RATE (BTU/KWHR)	10000	10240	10200	10530	10280
TOTAL CAPACITY (MW)	629.0	629.0	629.0	629.0	629.0
CAPACITY FACTOR	0.60	0.60	0.62	0.64	0.57
FUEL QUALITY:					
COAL SULFUR (%)	2.30	2.10	2.00	2.14	2.15
COAL HEAT (BTU/LB)	12634	12588	12605	12677	12753
COAL ASH (%)	10.59	10.83	10.98	10.62	10.54
OIL SULFUR (%)	1.06	1.12	1.11	1.28	1.26

DATA FOR THE 200 LARGEST SO2 EMITTERS (1976-1980)

PLANT: RUSH ISLAND
1980 SO2 RANK 94
STATE: MISSOURI
ORIS CODE 52997 6155

	1976	1977	1978	1979	1980
SO2 EMISSIONS:					
TOTAL (1000 TONS)	58.3	102.7	54.0	48.9	51.9
COAL (1000 TONS)	58.2	102.5	53.8	48.8	51.9
OIL (1000 TONS)	0.1	0.1	0.2	0.1	0.0
GAS (1000 TONS)	0.0	0.0	0.0	0.0	0.0
SCRUBBER OPERATING?	NO	NO	NO	NO	NO
SO2 REM. (1000 TONS)	0.0	0.0	0.0	0.0	0.0
SO2 EMISSIONS RANK	93	51	98	103	94
FUEL USED:					
COAL (1000 TONS)	1210.8	2711.4	2917.7	2824.2	2846.0
OIL (1000 BBLS)	101.5	111.3	144.9	51.8	10.6
GAS (1000 MCF)	0.0	0.0	0.0	0.0	0.0
FUEL HEAT VALUE (10**12 BTU):					
COAL	26.6	60.1	61.0	59.6	61.2
OIL	0.6	0.6	0.8	0.3	0.1
GAS	.	.	.	.	.
TOTAL	27.2	60.7	61.8	59.9	61.2
GENERATION (TWHRS)	2.6	5.9	6.1	5.8	6.2
HEAT RATE (BTU/KWHR)	10460	10250	10070	10280	9840
TOTAL CAPACITY (MW)	555.0	1208.0	1241.0	1241.0	1241.0
CAPACITY FACTOR	0.53	0.56	0.56	0.54	0.57
FUEL QUALITY:					
COAL SULFUR (%)	2.53	1.99	0.97	0.91	0.96
COAL HEAT (BTU/LB)	11002	11084	10449	10546	10744
COAL ASH (%)	10.77	10.15	10.58	10.61	11.48
OIL SULFUR (%)	0.40	0.40	0.40	0.37	0.40

DATA FOR THE 200 LARGEST SO2 EMITTERS (1976-1980)

PLANT: BIG BROWN
1980 SO2 RANK 95
STATE: TEXAS
ORIS CODE 52902 3497

	1976	1977	1978	1979	1980
SO2 EMISSIONS:					
TOTAL (1000 TONS)	48.7	45.2	49.6	45.6	51.3
COAL (1000 TONS)	48.7	45.2	49.6	45.6	51.3
OIL (1000 TONS)	0.0	0.0	0.0	0.0	0.0
GAS (1000 TONS)	0.0	0.0	0.0	0.0	0.0
SCRUBBER OPERATING?	NO	NO	NO	NO	NO
SO2 REM. (1000 TONS)	0.0	0.0	0.0	0.0	0.0
SO2 EMISSIONS RANK	106	120	106	112	95
FUEL USED:					
COAL (1000 TONS)	5412.2	5025.7	5510.1	5063.9	5703.3
OIL (1000 BBLS)	0.0	0.0	0.0	0.0	0.0
GAS (1000 MCF)	479.6	568.8	548.4	932.8	713.8
FUEL HEAT VALUE (10**12 BTU):					
COAL	74.3	70.4	77.3	70.1	77.8
OIL	.	.	.	.	.
GAS	0.5	0.6	0.6	1.0	0.7
TOTAL	74.8	70.9	77.8	71.0	78.5
GENERATION (TWHRS)	7.3	6.8	7.3	6.7	7.3
HEAT RATE (BTU/KWHR)	10250	10370	10660	10650	10820
TOTAL CAPACITY (MW)	1187.0	1187.0	1187.0	1187.0	1187.0
CAPACITY FACTOR	0.70	0.66	0.70	0.64	0.70
FUEL QUALITY:					
COAL SULFUR (%)	0.60	0.60	0.60	0.60	0.60
COAL HEAT (BTU/LB)	6860	7000	7012	6917	6818
COAL ASH (%)	10.40	10.40	10.40	10.40	10.40
OIL SULFUR (%)	.	.	.	.	.

DATA FOR THE 200 LARGEST SO2 EMITTERS (1976-1980)

PLANT: HUNTLEY
1980 SO2 RANK 96
STATE: NEW YORK
ORIS CODE 52053 2549

	1976	1977	1978	1979	1980
SO2 EMISSIONS:					
TOTAL (1000 TONS)	58.1	52.4	41.3	47.0	50.6
COAL (1000 TONS)	58.1	52.4	41.3	47.0	50.5
OIL (1000 TONS)	0.0	0.0	0.0	0.0	0.0
GAS (1000 TONS)	0.0	0.0	0.0	0.0	0.0
SCRUBBER OPERATING?	NO	NO	NO	NO	NO
SO2 REM. (1000 TONS)	0.0	0.0	0.0	0.0	0.0
SO2 EMISSIONS RANK	94	108	120	107	96
FUEL USED:					
COAL (1000 TONS)	1576.5	1702.3	1509.2	1606.9	1737.3
OIL (1000 BBLS)	0.0	0.0	0.0	2.2	14.9
GAS (1000 MCF)	0.0	0.0	0.0	0.0	0.0
FUEL HEAT VALUE (10**12 BTU):					
COAL	41.1	44.2	38.8	41.4	44.8
OIL	0.0	0.0	0.0	0.0	0.1
GAS	.	.	.	.	.
TOTAL	41.1	44.2	38.8	41.4	44.9
GENERATION (TWHRS)	3.9	4.3	3.6	3.7	4.0
HEAT RATE (BTU/KWHR)	10420	10310	10710	11120	11080
TOTAL CAPACITY (MW)	829.0	829.0	829.0	829.0	829.0
CAPACITY FACTOR	0.54	0.59	0.50	0.51	0.56
FUEL QUALITY:					
COAL SULFUR (%)	1.94	1.62	1.44	1.54	1.53
COAL HEAT (BTU/LB)	13030	12984	12864	12881	12884
COAL ASH (%)	7.79	7.60	8.84	8.25	8.31
OIL SULFUR (%)	1.06	1.12	1.11	1.28	1.26

DATA FOR THE 200 LARGEST SO2 EMITTERS (1976-1980)

PLANT: CHALK
1980 SO2 RANK 97
STATE: MARYLAND
ORIS CODE 52371 1571

	1976	1977	1978	1979	1980
SO2 EMISSIONS:					
TOTAL (1000 TONS)	47.1	35.4	44.8	53.6	50.4
COAL (1000 TONS)	31.3	18.2	18.2	29.3	36.8
OIL (1000 TONS)	15.8	17.2	26.6	24.3	13.7
GAS (1000 TONS)	0.0	0.0	0.0	0.0	0.0
SCRUBBER OPERATING?	NO	NO	NO	NO	NO
SO2 REM. (1000 TONS)	0.0	0.0	0.0	0.0	0.0
SO2 EMISSIONS RANK	108	143	113	93	97
FUEL USED:					
COAL (1000 TONS)	980.6	544.5	580.8	866.2	1087.7
OIL (1000 BBLS)	2884.9	2966.3	4476.3	3947.9	2424.3
GAS (1000 MCF)	0.0	0.0	0.0	0.0	0.0
FUEL HEAT VALUE (10**12 BTU):					
COAL	24.0	13.2	14.2	21.3	26.8
OIL	17.8	18.4	27.8	24.4	15.0
GAS	.	.	.	.	.
TOTAL	41.8	31.6	41.9	45.7	41.8
GENERATION (TWHRS)	3.7	2.8	3.9	4.2	3.8
HEAT RATE (BTU/KWHR)	11240	11290	10760	10780	11010
TOTAL CAPACITY (MW)	1338.0	1438.0	1438.0	1438.0	1438.0
CAPACITY FACTOR	0.32	0.22	0.31	0.34	0.30
FUEL QUALITY:					
COAL SULFUR (%)	1.68	1.76	1.65	1.78	1.78
COAL HEAT (BTU/LB)	12225	12155	12183	12298	12340
COAL ASH (%)	12.95	13.31	12.91	12.73	13.36
OIL SULFUR (%)	1.64	1.74	1.78	1.84	1.77

DATA FOR THE 200 LARGEST SO2 EMITTERS (1976-1980)

PLANT: HENDERSON II
1980 SO2 RANK 98
STATE: KENTUCKY
ORIS CODE 50244 1382

	1976	1977	1978	1979	1980
SO2 EMISSIONS:					
TOTAL (1000 TONS)	58.4	60.5	59.2	66.7	50.2
COAL (1000 TONS)	58.4	60.5	59.2	66.7	50.1
OIL (1000 TONS)	0.0	0.0	0.0	0.0	0.0
GAS (1000 TONS)	0.0	0.0	0.0	0.0	0.0
SCRUBBER OPERATING?	NO	NO	NO	NO	NO
SO2 REM. (1000 TONS)	0.0	0.0	0.0	0.0	0.0
SO2 EMISSIONS RANK	92	91	88	75	98
FUEL USED:					
COAL (1000 TONS)	954.9	1026.6	973.7	1032.5	1043.2
OIL (1000 BBLS)	0.0	0.0	0.0	0.9	1.8
GAS (1000 MCF)	0.0	0.0	0.0	0.0	0.0
FUEL HEAT VALUE (10**12 BTU):					
COAL	20.9	22.6	21.5	23.3	23.9
OIL	.	.	.	0.0	0.0
GAS	.	.	.	.	.
TOTAL	20.9	22.6	21.5	23.3	23.9
GENERATION (TWHRS)	1.9	2.0	2.0	2.1	2.2
HEAT RATE (BTU/KWHR)	10970	11070	10820	10850	10790
TOTAL CAPACITY (MW)	354.0	354.0	354.0	354.0	354.0
CAPACITY FACTOR	0.61	0.66	0.64	0.69	0.71
FUEL QUALITY:					
COAL SULFUR (%)	3.22	3.10	3.20	3.40	2.53
COAL HEAT (BTU/LB)	10947	11006	11027	11262	11458
COAL ASH (%)	.	.	.	.	.
OIL SULFUR (%)	.	.	.	0.39	0.36

DATA FOR THE 200 LARGEST SO2 EMITTERS (1976-1980)

PLANT: STOUT
1980 SO2 RANK 99
STATE: INDIANA
ORIS CODE 51394 990

	1976	1977	1978	1979	1980
SO2 EMISSIONS:					
TOTAL (1000 TONS)	71.4	57.9	43.2	49.1	50.1
COAL (1000 TONS)	71.2	57.6	42.6	49.0	49.9
OIL (1000 TONS)	0.1	0.2	0.6	0.1	0.2
GAS (1000 TONS)	0.0	0.0	0.0	0.0	0.0
SCRUBBER OPERATING?	NO	NO	NO	NO	NO
SO2 REM. (1000 TONS)	0.0	0.0	0.0	0.0	0.0
SO2 EMISSIONS RANK	77	94	116	102	99
FUEL USED:					
COAL (1000 TONS)	1588.7	1417.3	1205.8	1482.4	1428.1
OIL (1000 BBLS)	139.1	240.3	578.4	78.0	49.4
GAS (1000 MCF)	0.0	0.0	0.0	0.0	0.0
FUEL HEAT VALUE (10**12 BTU):					
COAL	34.6	31.0	26.4	32.4	31.3
OIL	0.8	1.4	3.3	0.4	0.3
GAS	.	.	.	.	.
TOTAL	35.4	32.4	29.6	32.9	31.5
GENERATION (TWHRS)	3.4	3.1	2.8	3.2	3.1
HEAT RATE (BTU/KWHR)	10330	10400	10540	10310	10220
TOTAL CAPACITY (MW)	935.0	935.0	935.0	935.0	935.0
CAPACITY FACTOR	0.42	0.38	0.34	0.39	0.38
FUEL QUALITY:					
COAL SULFUR (%)	2.36	2.14	1.86	1.74	1.84
COAL HEAT (BTU/LB)	10884	10931	10928	10932	10943
COAL ASH (%)	9.65	9.56	10.93	9.28	9.57
OIL SULFUR (%)	0.30	0.30	0.30	0.30	0.30

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                 DATA FOR THE 200 LARGEST SO2 EMITTERS (1976-1980)


      PLANT:  FRANK E RATTS
      1980 SO2 RANK  100
      STATE: INDIANA
      ORIS CODE  51339 1043

                              1976        1977        1978        1979        1980


      SO2 EMISSIONS:
        TOTAL (1000 TONS)     36.7        38.5        37.6        48.5        49.8
        COAL (1000 TONS)      36.7        38.5        37.6        48.5        49.8
        OIL (1000 TONS)        0.0         0.0         0.0         0.0         0.0
        GAS (1000 TONS)        0.0         0.0         0.0         0.0         0.0

      SCRUBBER OPERATING?       NO          NO          NO          NO          NO
      SO2 REM. (1000 TONS)     0.0         0.0         0.0         0.0         0.0

      SO2 EMISSIONS RANK       134         136         130         106         100


      FUEL USED:
        COAL (1000 TONS)     667.7       600.5       668.4       747.0       746.6
        OIL (1000 BBLS)        0.0         0.0         0.0         3.8         1.2
        GAS (1000 MCF)         0.0         0.0         0.0         0.0         0.0


      FUEL HEAT VALUE (10**12 BTU):
        COAL                  13.7        12.4        14.0        15.6        16.1
        OIL                     .           .           .          0.0         0.0
        GAS                     .           .           .           .           .

        TOTAL                 13.7        12.4        14.0        15.6        16.1


      GENERATION (TWHRS)       1.4         1.2         1.4         1.6         1.6


      HEAT RATE (BTU/KWHR)    9760       10050        9950       10070       10220


      TOTAL CAPACITY (MW)    233.0       233.0       233.0       233.0       233.0


      CAPACITY FACTOR         0.69        0.60        0.69        0.76        0.77


      FUEL QUALITY:
        COAL SULFUR (%)       2.89        3.37        2.96        3.42        3.51
        COAL HEAT (BTU/LB)   10285       10320       10509       10449       10791
        COAL ASH (%)         13.81       15.55       13.35       14.05       12.00
        OIL SULFUR (%)          .           .           .          0.32        0.30
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DATA FOR THE 200 LARGEST SO2 EMITTERS (1976-1980)

PLANT: BAILLY
1980 SO2 RANK 101
STATE: INDIANA
ORIS CODE 52101 995

	1976	1977	1978	1979	1980
SO2 EMISSIONS:					
TOTAL (1000 TONS)	100.9	63.5	58.0	64.0	48.9
COAL (1000 TONS)	100.9	63.4	57.9	64.0	48.9
OIL (1000 TONS)	0.0	0.1	0.1	0.1	0.0
GAS (1000 TONS)	0.0	0.0	0.0	0.0	0.0
SCRUBBER OPERATING?	NO	NO	NO	NO	NO
SO2 REM. (1000 TONS)	0.0	0.0	0.0	0.0	0.0
SO2 EMISSIONS RANK	53	87	90	78	101
FUEL USED:					
COAL (1000 TONS)	1372.3	1002.2	1009.7	1089.4	786.5
OIL (1000 BBLS)	46.6	50.7	82.2	70.4	9.0
GAS (1000 MCF)	72.8	127.4	586.0	983.4	285.6
FUEL HEAT VALUE (10**12 BTU):					
COAL	30.2	21.9	22.2	24.1	17.1
OIL	0.3	0.3	0.5	0.4	0.1
GAS	0.1	0.1	0.6	1.0	0.3
TOTAL	30.5	22.4	23.2	25.5	17.4
GENERATION (TWHRS)	3.0	2.1	2.1	2.3	1.5
HEAT RATE (BTU/KWHR)	10290	10880	11020	11280	11460
TOTAL CAPACITY (MW)	650.0	650.0	650.0	650.0	650.0
CAPACITY FACTOR	0.52	0.36	0.37	0.40	0.27
FUEL QUALITY:					
COAL SULFUR (%)	3.87	3.33	3.02	3.09	3.27
COAL HEAT (BTU/LB)	10993	10948	10977	11056	10867
COAL ASH (%)	10.94	11.15	10.26	9.88	10.89
OIL SULFUR (%)	0.27	0.30	0.39	0.27	0.27

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              DATA FOR THE 200 LARGEST SO2 EMITTERS (1976-1980)


PLANT:  COBB-SANDUSKY SG
1980 SO2 RANK  102
STATE: MICHIGAN
ORIS CODE  50658 1695

                           1976       1977       1978       1979       1980


SO2 EMISSIONS:
  TOTAL (1000 TONS)        99.3       84.6       90.5       75.2       48.5
  COAL (1000 TONS)         99.3       84.6       90.5       75.2       48.4
  OIL (1000 TONS)           0.1        0.0        0.0        0.0        0.0
  GAS (1000 TONS)           0.0        0.0        0.0        0.0        0.0

SCRUBBER OPERATING?          NO         NO         NO         NO         NO
SO2 REM. (1000 TONS)        0.0        0.0        0.0        0.0        0.0

SO2 EMISSIONS RANK           54         63         52         64        102


FUEL USED:
  COAL (1000 TONS)       1514.3     1378.8     1474.5     1558.0     1137.9
  OIL (1000 BBLS)          28.9        3.4        6.0        5.6        8.0
  GAS (1000 MCF)            0.0        0.0        0.0        0.0        0.0


FUEL HEAT VALUE (10**12 BTU):
  COAL                     35.0       31.7       33.3       36.1       28.6
  OIL                       0.2        0.0        0.0        0.0        0.0
  GAS                        .          .          .          .          .

  TOTAL                    35.2       31.7       33.3       36.1       28.6


GENERATION (TWHRS)          3.3        2.9        3.0        3.3        2.5


HEAT RATE (BTU/KWHR)      10680      11040      11040      11040      11400


TOTAL CAPACITY (MW)       510.0      510.0      510.0      510.0      510.0


CAPACITY FACTOR            0.74       0.64       0.68       0.73       0.56


FUEL QUALITY:
  COAL SULFUR (%)          3.45       3.23       3.23       2.54       2.24
  COAL HEAT (BTU/LB)      11563      11482      11282      11586      12550
  COAL ASH (%)            10.28      10.27      10.87      10.25       9.67
  OIL SULFUR (%)           0.71       0.74       0.70       0.66       0.67
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DATA FOR THE 200 LARGEST SO2 EMITTERS (1976-1980)

PLANT: MEREDOSIA
1980 SO2 RANK 103
STATE: ILLINOIS
ORIS CODE 50486 864

	1976	1977	1978	1979	1980
SO2 EMISSIONS:					
TOTAL (1000 TONS)	37.9	40.0	26.2	36.6	48.1
COAL (1000 TONS)	37.1	39.3	25.1	36.0	47.9
OIL (1000 TONS)	0.8	0.7	1.1	0.7	0.2
GAS (1000 TONS)	0.0	0.0	0.0	0.0	0.0
SCRUBBER OPERATING?	NO	NO	NO	NO	NO
SO2 REM. (1000 TONS)	0.0	0.0	0.0	0.0	0.0
SO2 EMISSIONS RANK	128	133	171	131	103
FUEL USED:					
COAL (1000 TONS)	723.5	726.1	590.4	650.5	854.7
OIL (1000 BBLS)	488.2	370.3	604.7	371.1	81.9
GAS (1000 MCF)	0.0	0.0	0.0	0.0	0.0
FUEL HEAT VALUE (10**12 BTU):					
COAL	16.1	15.7	12.9	14.8	19.2
OIL	3.1	2.4	3.8	2.3	0.5
GAS	.	.	.	.	.
TOTAL	19.2	18.1	16.7	17.1	19.7
GENERATION (TWHRS)	1.8	1.6	1.5	1.5	1.8
HEAT RATE (BTU/KWHR)	10800	10980	11300	11070	10870
TOTAL CAPACITY (MW)	564.0	564.0	564.0	564.0	564.0
CAPACITY FACTOR	0.36	0.33	0.30	0.31	0.37
FUEL QUALITY:					
COAL SULFUR (%)	2.70	2.85	2.24	2.91	2.95
COAL HEAT (BTU/LB)	11123	10827	10953	11345	11219
COAL ASH (%)	7.23	8.98	7.53	5.60	6.65
OIL SULFUR (%)	0.47	0.57	0.55	0.53	0.71

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             DATA FOR THE 200 LARGEST SO2 EMITTERS (1976-1980)


PLANT:  HAMMOND
1980 SO2 RANK  104
STATE: GEORGIA
ORIS CODE  51100 708

                           1976       1977       1978       1979       1980


SO2 EMISSIONS:
  TOTAL (1000 TONS)        34.6       37.7       32.0       51.0       47.4
  COAL (1000 TONS)         34.6       37.7       32.0       51.0       47.3
  OIL (1000 TONS)           0.0        0.0        0.0        0.0        0.0
  GAS (1000 TONS)           0.0        0.0        0.0        0.0        0.0

SCRUBBER OPERATING?          NO         NO         NO         NO         NO
SO2 REM. (1000 TONS)        0.0        0.0        0.0        0.0        0.0

SO2 EMISSIONS RANK          142        137        144         98        104


FUEL USED:
  COAL (1000 TONS)       1206.9     1367.9     1195.3     1598.2     1473.5
  OIL (1000 BBLS)          10.1        8.8        9.5       13.5       13.7
  GAS (1000 MCF)            0.0        0.0        0.0        0.0        0.0


FUEL HEAT VALUE (10**12 BTU):
  COAL                     28.7       33.2       29.5       39.4       36.6
  OIL                       0.1        0.1        0.1        0.1        0.1
  GAS                        .          .          .          .          .

  TOTAL                    28.8       33.2       29.6       39.5       36.7


GENERATION (TWHRS)          2.8        3.1        2.6        3.8        3.3


HEAT RATE (BTU/KWHR)      10270      10570      11290      10360      10950


TOTAL CAPACITY (MW)       953.0      953.0      953.0      953.0      953.0


CAPACITY FACTOR            0.33       0.38       0.31       0.46       0.40


FUEL QUALITY:
  COAL SULFUR (%)          1.51       1.45       1.41       1.68       1.69
  COAL HEAT (BTU/LB)      11906      12127      12340      12335      12419
  COAL ASH (%)            12.95      12.26      11.32      10.28      10.29
  OIL SULFUR (%)           0.30       0.30       0.30       0.30       0.16
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DATA FOR THE 200 LARGEST SO2 EMITTERS (1976-1980)

PLANT: PORT WASHINGTON
1980 SO2 RANK 105
STATE: WISCONSIN
ORIS CODE 53330 4040

	1976	1977	1978	1979	1980
SO2 EMISSIONS:					
TOTAL (1000 TONS)	36.2	46.4	42.3	41.0	46.1
COAL (1000 TONS)	36.2	46.4	42.3	41.0	46.1
OIL (1000 TONS)	0.0	0.0	0.0	0.0	0.0
GAS (1000 TONS)	0.0	0.0	0.0	0.0	0.0
SCRUBBER OPERATING?	NO	NO	NO	NO	NO
SO2 REM. (1000 TONS)	0.0	0.0	0.0	0.0	0.0
SO2 EMISSIONS RANK	136	119	119	123	105
FUEL USED:					
COAL (1000 TONS)	670.7	697.6	708.8	712.2	683.6
OIL (1000 BBLS)	2.4	7.5	9.1	15.5	5.0
GAS (1000 MCF)	0.0	0.0	0.0	0.0	0.0
FUEL HEAT VALUE (10**12 BTU):					
COAL	15.8	16.2	17.1	17.3	17.0
OIL	0.0	0.0	0.1	0.1	0.0
GAS	.	.	.	.	.
TOTAL	15.8	16.2	17.1	17.4	17.1
GENERATION (TWHRS)	1.3	1.4	1.4	1.4	1.4
HEAT RATE (BTU/KWHR)	11980	11940	12310	12100	12340
TOTAL CAPACITY (MW)	420.0	420.0	420.0	420.0	420.0
CAPACITY FACTOR	0.36	0.37	0.38	0.39	0.37
FUEL QUALITY:					
COAL SULFUR (%)	2.84	3.50	3.14	3.03	3.55
COAL HEAT (BTU/LB)	11763	11597	12034	12169	12456
COAL ASH (%)	10.69	11.42	11.25	10.53	9.73
OIL SULFUR (%)	0.27	0.22	0.23	0.27	0.21

DATA FOR THE 200 LARGEST SO2 EMITTERS (1976-1980)

PLANT: OAK CREEK
1980 SO2 RANK 106
STATE: WISCONSIN
ORIS CODE 53330 4039

	1976	1977	1978	1979	1980
SO2 EMISSIONS:					
TOTAL (1000 TONS)	37.1	31.1	24.6	37.5	45.9
COAL (1000 TONS)	37.1	31.1	24.6	37.5	45.8
OIL (1000 TONS)	0.0	0.0	0.0	0.0	0.1
GAS (1000 TONS)	0.0	0.0	0.0	0.0	0.0
SCRUBBER OPERATING?	NO	NO	NO	NO	NO
SO2 REM. (1000 TONS)	0.0	0.0	0.0	0.0	0.0
SO2 EMISSIONS RANK	131	153	181	128	106
FUEL USED:					
COAL (1000 TONS)	934.3	807.1	628.2	884.7	1012.2
OIL (1000 BBLS)	8.5	7.0	6.5	17.6	35.5
GAS (1000 MCF)	0.0	0.0	0.0	0.0	0.0
FUEL HEAT VALUE (10**12 BTU):					
COAL	20.9	18.0	14.1	20.4	23.5
OIL	0.0	0.0	0.0	0.1	0.2
GAS	.	.	.	.	.
TOTAL	21.0	18.1	14.2	20.5	23.7
GENERATION (TWHRS)	2.0	1.7	1.3	1.9	2.2
HEAT RATE (BTU/KWHR)	10600	10520	10880	10980	10680
TOTAL CAPACITY (MW)	500.0	500.0	500.0	500.0	500.0
CAPACITY FACTOR	0.45	0.39	0.30	0.43	0.51
FUEL QUALITY:					
COAL SULFUR (%)	2.09	2.03	2.06	2.23	2.38
COAL HEAT (BTU/LB)	11203	11162	11240	11538	11625
COAL ASH (%)	9.48	9.48	9.80	9.32	8.79
OIL SULFUR (%)	0.26	0.24	0.19	0.28	0.21

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                DATA FOR THE 200 LARGEST SO2 EMITTERS (1976-1980)


PLANT:  DALLMAN
1980 SO2 RANK  107
STATE: ILLINOIS
ORIS CODE  52766 963

                           1976        1977        1978        1979        1980


SO2 EMISSIONS:
  TOTAL (1000 TONS)        30.9        28.7        29.3        45.6        45.6
  COAL (1000 TONS)         30.9        28.7        29.3        45.6        45.6
  OIL (1000 TONS)           0.0         0.0         0.0         0.0         0.0
  GAS (1000 TONS)           0.0         0.0         0.0         0.0         0.0

SCRUBBER OPERATING?          NO          NO          NO          NO         YES
SO2 REM. (1000 TONS)        0.0         0.0         0.0         0.0         4.3

SO2 EMISSIONS RANK          157         161         158         111         107


FUEL USED:
  COAL (1000 TONS)        459.7       454.0       473.2       725.6       806.0
  OIL (1000 BBLS)           0.0         0.0         0.0         0.0         0.0
  GAS (1000 MCF)            0.0         0.0         0.0         0.0         0.0


FUEL HEAT VALUE (10**12 BTU):
  COAL                      9.7         9.8        10.3        15.5        17.2
  OIL                         .           .           .           .           .
  GAS                         .           .           .           .           .

  TOTAL                     9.7         9.8        10.3        15.5        17.2


GENERATION (TWHRS)          0.8         0.8         0.9         1.4         1.3


HEAT RATE (BTU/KWHR)      11760       12440       11970       11080       13780


TOTAL CAPACITY (MW)       160.0       160.0       277.0       372.0       372.0


CAPACITY FACTOR            0.58        0.56        0.35        0.43        0.38


FUEL QUALITY:
  COAL SULFUR (%)          3.54        3.33        3.26        3.31        3.26
  COAL HEAT (BTU/LB)      10507       10802       10885       10674       10693
  COAL ASH (%)            10.48       10.05        8.92        8.97       10.02
  OIL SULFUR (%)              .           .           .           .           .
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DATA FOR THE 200 LARGEST SO2 EMITTERS (1976-1980)

PLANT: HAWTHORNE
1980 SO2 RANK 108
STATE: MISSOURI
ORIS CODE 51477 2079

	1976	1977	1978	1979	1980
SO2 EMISSIONS:					
TOTAL (1000 TONS)	46.1	35.4	27.6	28.5	45.4
COAL (1000 TONS)	46.0	35.3	27.5	28.4	45.4
OIL (1000 TONS)	0.0	0.0	0.1	0.1	0.0
GAS (1000 TONS)	0.0	0.0	0.0	0.0	0.0
SCRUBBER OPERATING?	YES	YES	YES	YES	YES
SO2 REM. (1000 TONS)	7.4	5.7	4.4	4.6	7.3
SO2 EMISSIONS RANK	110	144	167	158	108
FUEL USED:					
COAL (1000 TONS)	1181.7	1136.1	929.0	851.1	1023.7
OIL (1000 BBLS)	46.2	41.8	73.4	89.8	6.2
GAS (1000 MCF)	5363.7	7180.2	5002.9	5300.0	5200.8
FUEL HEAT VALUE (10**12 BTU):					
COAL	26.4	24.4	19.4	18.3	23.3
OIL	0.3	0.2	0.4	0.5	0.0
GAS	5.1	6.8	4.8	5.0	4.9
TOTAL	31.8	31.5	24.6	23.8	28.2
GENERATION (TWHRS)	2.8	2.8	2.2	2.0	2.2
HEAT RATE (BTU/KWHR)	11420	11240	11320	12170	12920
TOTAL CAPACITY (MW)	908.0	908.0	908.0	908.0	908.0
CAPACITY FACTOR	0.35	0.35	0.27	0.25	0.27
FUEL QUALITY:					
COAL SULFUR (%)	2.38	1.90	1.81	2.04	2.71
COAL HEAT (BTU/LB)	11176	10757	10463	10733	11364
COAL ASH (%)	11.77	11.30	11.85	11.95	10.99
OIL SULFUR (%)	0.30	0.30	0.30	0.30	0.61

DATA FOR THE 200 LARGEST SO2 EMITTERS (1976-1980)

PLANT: ST CLAIR
1980 SO2 RANK 109
STATE: MICHIGAN
ORIS CODE 50782 1743

	1976	1977	1978	1979	1980
SO2 EMISSIONS:					
TOTAL (1000 TONS)	106.4	98.4	51.0	51.9	44.4
COAL (1000 TONS)	98.4	92.0	43.6	48.4	42.7
OIL (1000 TONS)	8.0	6.3	7.4	3.6	1.7
GAS (1000 TONS)	0.0	0.0	0.0	0.0	0.0
SCRUBBER OPERATING?	NO	NO	NO	NO	NO
SO2 REM. (1000 TONS)	0.0	0.0	0.0	0.0	0.0
SO2 EMISSIONS RANK	49	53	105	96	109
FUEL USED:					
COAL (1000 TONS)	3276.7	3434.4	3329.6	3439.6	3161.8
OIL (1000 BBLS)	2429.4	2044.0	2582.4	1573.0	673.0
GAS (1000 MCF)	356.9	351.2	326.3	277.4	271.3
FUEL HEAT VALUE (10**12 BTU):					
COAL	69.6	71.5	65.9	68.9	63.5
OIL	15.1	12.7	16.1	9.8	4.2
GAS	0.4	0.4	0.3	0.3	0.3
TOTAL	85.1	84.5	82.4	79.0	68.0
GENERATION (TWHRS)	8.7	8.3	7.9	7.3	6.4
HEAT RATE (BTU/KWHR)	9820	10210	10410	10850	10690
TOTAL CAPACITY (MW)	1929.0	1929.0	1929.0	1929.0	1929.0
CAPACITY FACTOR	0.51	0.49	0.47	0.43	0.38
FUEL QUALITY:					
COAL SULFUR (%)	1.58	1.41	0.77	0.74	0.71
COAL HEAT (BTU/LB)	10620	10404	9903	10019	10043
COAL ASH (%)	8.34	7.76	5.49	7.12	4.64
OIL SULFUR (%)	0.99	0.93	0.86	0.68	0.75

DATA FOR THE 200 LARGEST SO2 EMITTERS (1976-1980)

PLANT: NEAL
1980 SO2 RANK 110
STATE: IOWA
ORIS CODE 58100 1091

	1976	1977	1978	1979	1980
SO2 EMISSIONS:					
TOTAL (1000 TONS)	29.3	26.4	34.3	33.4	44.3
COAL (1000 TONS)	29.3	26.3	34.2	33.4	44.2
OIL (1000 TONS)	0.0	0.0	0.0	0.0	0.1
GAS (1000 TONS)	0.0	0.0	0.0	0.0	0.0
SCRUBBER OPERATING?	NO	NO	NO	NO	NO
SO2 REM. (1000 TONS)	0.0	0.0	0.0	0.0	0.0
SO2 EMISSIONS RANK	163	176	138	144	110
FUEL USED:					
COAL (1000 TONS)	2443.7	2272.7	2649.9	3220.3	4057.9
OIL (1000 BBLS)	44.5	27.3	17.7	53.2	38.4
GAS (1000 MCF)	2161.1	1909.8	337.2	590.0	1496.5
FUEL HEAT VALUE (10**12 BTU):					
COAL	49.5	46.1	53.2	60.2	75.3
OIL	0.3	0.2	0.1	0.3	0.2
GAS	2.1	1.9	0.3	0.6	1.5
TOTAL	51.9	48.2	53.6	61.1	77.0
GENERATION (TWHRS)	5.2	4.5	5.2	5.9	7.4
HEAT RATE (BTU/KWHR)	9930	10610	10410	10310	10460
TOTAL CAPACITY (MW)	1052.0	1044.0	1052.0	1373.0	1691.0
CAPACITY FACTOR	0.57	0.50	0.56	0.49	0.50
FUEL QUALITY:					
COAL SULFUR (%)	0.63	0.61	0.68	0.61	0.64
COAL HEAT (BTU/LB)	10125	10149	10038	9345	9275
COAL ASH (%)	11.10	11.11	11.86	9.71	9.42
OIL SULFUR (%)	0.20	0.20	0.29	0.08	0.21

DATA FOR THE 200 LARGEST SO2 EMITTERS (1976-1980)

PLANT: BARRY
1980 SO2 RANK 111
STATE: ALABAMA
ORIS CODE 50022 3

	1976	1977	1978	1979	1980
SO2 EMISSIONS:					
TOTAL (1000 TONS)	46.3	53.1	33.5	48.7	44.1
COAL (1000 TONS)	46.2	53.1	33.5	48.7	43.9
OIL (1000 TONS)	0.0	0.0	0.0	0.0	0.2
GAS (1000 TONS)	0.0	0.0	0.0	0.0	0.0
SCRUBBER OPERATING?	NO	NO	NO	NO	NO
SO2 REM. (1000 TONS)	0.0	0.0	0.0	0.0	0.0
SO2 EMISSIONS RANK	109	106	139	105	111
FUEL USED:					
COAL (1000 TONS)	2829.7	3037.5	2797.9	2757.4	2783.4
OIL (1000 BBLS)	74.9	37.7	17.8	3.1	164.7
GAS (1000 MCF)	703.5	781.8	4045.1	6647.3	1369.4
FUEL HEAT VALUE (10**12 BTU):					
COAL	66.0	72.8	64.4	65.7	68.3
OIL	0.4	0.2	0.1	0.0	0.9
GAS	0.8	0.9	4.5	7.5	1.6
TOTAL	67.2	73.9	69.0	73.2	70.8
GENERATION (TWHRS)	6.4	7.0	6.7	7.0	6.8
HEAT RATE (BTU/KWHR)	10500	10550	10330	10450	10440
TOTAL CAPACITY (MW)	1830.0	1830.0	1830.0	1830.0	1830.0
CAPACITY FACTOR	0.40	0.44	0.42	0.44	0.42
FUEL QUALITY:					
COAL SULFUR (%)	0.86	0.92	0.63	0.93	0.83
COAL HEAT (BTU/LB)	11665	11983	11502	11915	12267
COAL ASH (%)	14.91	11.00	13.04	12.87	13.00
OIL SULFUR (%)	0.20	0.16	0.21	0.22	0.30

DATA FOR THE 200 LARGEST SO2 EMITTERS (1976-1980)

PLANT: SMITH
1980 SO2 RANK 112
STATE: KENTUCKY
ORIS CODE 52211 1374

	1976	1977	1978	1979	1980
SO2 EMISSIONS:					
TOTAL (1000 TONS)	72.4	70.6	55.9	54.7	44.0
COAL (1000 TONS)	72.4	70.6	55.9	54.7	44.0
OIL (1000 TONS)	0.0	0.0	0.0	0.0	0.0
GAS (1000 TONS)	0.0	0.0	0.0	0.0	0.0
SCRUBBER OPERATING?	NO	NO	NO	NO	NO
SO2 REM. (1000 TONS)	0.0	0.0	0.0	0.0	0.0
SO2 EMISSIONS RANK	76	75	94	91	112
FUEL USED:					
COAL (1000 TONS)	1055.1	1147.0	1000.5	1000.5	897.9
OIL (1000 BBLS)	5.9	6.9	4.8	3.7	2.7
GAS (1000 MCF)	0.0	0.0	0.0	0.0	0.0
FUEL HEAT VALUE (10**12 BTU):					
COAL	21.8	24.2	21.3	22.2	20.1
OIL	0.0	0.0	0.0	0.0	0.0
GAS	.	.	.	.	.
TOTAL	21.8	24.3	21.3	22.3	20.2
GENERATION (TWHRS)	2.2	2.3	2.1	2.1	1.9
HEAT RATE (BTU/KWHR)	9960	10430	10170	10580	10500
TOTAL CAPACITY (MW)	416.0	416.0	416.0	416.0	416.0
CAPACITY FACTOR	0.60	0.64	0.58	0.58	0.53
FUEL QUALITY:					
COAL SULFUR (%)	3.61	3.24	2.94	2.88	2.58
COAL HEAT (BTU/LB)	10323	10558	10652	11113	11220
COAL ASH (%)	13.21	12.60	11.86	9.62	9.35
OIL SULFUR (%)	0.43	0.31	0.24	0.39	0.36

DATA FOR THE 200 LARGEST SO2 EMITTERS (1976-1980)

PLANT: MARTIN LAKE
1980 SO2 RANK 113
STATE: TEXAS
ORIS CODE 52902 6146

	1976	1977	1978	1979	1980
SO2 EMISSIONS:					
TOTAL (1000 TONS)	.	20.3	27.6	37.1	43.9
COAL (1000 TONS)	.	20.3	27.5	36.7	43.4
OIL (1000 TONS)	.	0.1	0.2	0.4	0.6
GAS (1000 TONS)	.	0.0	0.0	0.0	0.0
SCRUBBER OPERATING?	NO	YES	YES	YES	YES
SO2 REM. (1000 TONS)	.	18.3	56.7	99.7	106.3
SO2 EMISSIONS RANK	.	211	166	130	113
FUEL USED:					
COAL (1000 TONS)	.	2854.1	6238.6	10104.4	11086.6
OIL (1000 BBLS)	.	46.0	98.0	219.9	166.1
GAS (1000 MCF)	.	0.0	0.0	0.0	0.0
FUEL HEAT VALUE (10**12 BTU):					
COAL	.	38.5	84.6	136.7	148.6
OIL	.	0.3	0.6	1.4	1.0
GAS	.	.	.	.	.
TOTAL	.	38.8	85.2	138.0	149.6
GENERATION (TWHRS)	.	3.7	7.9	12.4	13.4
HEAT RATE (BTU/KWHR)	.	10380	10810	11160	11190
TOTAL CAPACITY (MW)	.	793.0	1324.0	2183.0	2380.0
CAPACITY FACTOR	.	0.54	0.68	0.65	0.64
FUEL QUALITY:					
COAL SULFUR (%)	.	0.90	0.90	0.90	0.90
COAL HEAT (BTU/LB)	.	6750	6779	6764	6700
COAL ASH (%)	.	10.00	10.00	10.00	10.00
OIL SULFUR (%)	.	0.44	0.50	0.59	0.51

DATA FOR THE 200 LARGEST SO2 EMITTERS (1976-1980)

PLANT: GANNON
1980 SO2 RANK 114
STATE: FLORIDA
ORIS CODE 52879 646

	1976	1977	1978	1979	1980
SO2 EMISSIONS:					
TOTAL (1000 TONS)	39.3	31.4	40.1	42.9	41.9
COAL (1000 TONS)	31.1	21.3	29.0	32.1	32.0
OIL (1000 TONS)	8.2	10.1	11.1	10.8	9.9
GAS (1000 TONS)	0.0	0.0	0.0	0.0	0.0
SCRUBBER OPERATING?	NO	NO	NO	NO	NO
SO2 REM. (1000 TONS)	0.0	0.0	0.0	0.0	0.0
SO2 EMISSIONS RANK	125	152	124	120	114
FUEL USED:					
COAL (1000 TONS)	1159.3	1039.9	1091.8	1309.4	1317.1
OIL (1000 BBLS)	2518.0	3349.8	3522.1	3444.0	3436.4
GAS (1000 MCF)	0.0	0.0	0.0	0.0	0.0
FUEL HEAT VALUE (10**12 BTU):					
COAL	27.2	25.5	26.6	32.3	32.6
OIL	15.4	20.9	22.1	21.7	21.7
GAS	.	.	.	.	.
TOTAL	42.6	46.4	48.7	54.0	54.3
GENERATION (TWHRS)	4.0	4.4	4.6	5.1	5.2
HEAT RATE (BTU/KWHR)	10590	10550	10610	10650	10520
TOTAL CAPACITY (MW)	1288.0	1288.0	1288.0	1288.0	1288.0
CAPACITY FACTOR	0.36	0.39	0.41	0.45	0.46
FUEL QUALITY:					
COAL SULFUR (%)	1.41	1.08	1.40	1.29	1.28
COAL HEAT (BTU/LB)	11721	12261	12187	12337	12382
COAL ASH (%)	10.73	9.06	9.90	8.77	8.64
OIL SULFUR (%)	0.98	0.90	0.94	0.94	0.86

DATA FOR THE 200 LARGEST SO2 EMITTERS (1976-1980)

PLANT: ENGLAND
1980 SO2 RANK 115
STATE: NEW JERSEY
ORIS CODE 56513 2378

	1976	1977	1978	1979	1980
SO2 EMISSIONS:					
TOTAL (1000 TONS)	43.1	52.9	45.1	44.4	41.3
COAL (1000 TONS)	37.2	43.1	33.6	34.4	33.0
OIL (1000 TONS)	6.0	9.8	11.5	10.0	8.3
GAS (1000 TONS)	0.0	0.0	0.0	0.0	0.0
SCRUBBER OPERATING?	NO	NO	NO	NO	NO
SO2 REM. (1000 TONS)	0.0	0.0	0.0	0.0	0.0
SO2 EMISSIONS RANK	115	107	112	115	115
FUEL USED:					
COAL (1000 TONS)	701.3	740.7	609.9	607.8	596.4
OIL (1000 BBLS)	1324.0	1559.6	1826.9	1607.2	1324.5
GAS (1000 MCF)	0.0	0.0	0.0	0.0	0.0
FUEL HEAT VALUE (10**12 BTU):					
COAL	17.8	18.6	15.5	15.5	15.2
OIL	8.1	9.7	11.4	10.0	8.3
GAS	.	.	.	.	.
TOTAL	25.9	28.3	26.9	25.5	23.5
GENERATION (TWHRS)	2.6	2.7	2.6	2.5	2.3
HEAT RATE (BTU/KWHR)	10000	10310	10360	10360	10300
TOTAL CAPACITY (MW)	476.0	476.0	476.0	476.0	476.0
CAPACITY FACTOR	0.62	0.66	0.62	0.59	0.55
FUEL QUALITY:					
COAL SULFUR (%)	2.79	3.06	2.90	2.98	2.91
COAL HEAT (BTU/LB)	12682	12558	12674	12732	12783
COAL ASH (%)	10.69	11.87	11.19	10.96	11.01
OIL SULFUR (%)	1.35	1.89	1.89	1.87	1.89

DATA FOR THE 200 LARGEST SO2 EMITTERS (1976-1980)

PLANT: WATEREE
1980 SO2 RANK 116
STATE: SOUTH CAROLINA
ORIS CODE 52692 3297

	1976	1977	1978	1979	1980
SO2 EMISSIONS:					
TOTAL (1000 TONS)	35.0	42.9	42.4	41.2	41.3
COAL (1000 TONS)	34.9	42.8	42.4	41.2	41.1
OIL (1000 TONS)	0.0	0.0	0.0	0.0	0.2
GAS (1000 TONS)	0.0	0.0	0.0	0.0	0.0
SCRUBBER OPERATING?	NO	NO	NO	NO	NO
SO2 REM. (1000 TONS)	0.0	0.0	0.0	0.0	0.0
SO2 EMISSIONS RANK	141	126	118	122	116
FUEL USED:					
COAL (1000 TONS)	1459.2	1621.7	1560.6	1582.0	1557.6
OIL (1000 BBLS)	48.2	77.2	76.1	57.5	47.9
GAS (1000 MCF)	0.0	0.0	0.0	0.0	0.0
FUEL HEAT VALUE (10**12 BTU):					
COAL	36.4	40.2	38.8	40.1	39.5
OIL	0.3	0.4	0.4	0.3	0.3
GAS	.	.	.	.	.
TOTAL	36.6	40.7	39.2	40.4	39.8
GENERATION (TWHRS)	3.7	4.2	3.9	4.1	4.0
HEAT RATE (BTU/KWHR)	9920	9610	9940	9930	9910
TOTAL CAPACITY (MW)	772.0	772.0	772.0	772.0	772.0
CAPACITY FACTOR	0.54	0.63	0.58	0.60	0.59
FUEL QUALITY:					
COAL SULFUR (%)	1.26	1.39	1.43	1.37	1.39
COAL HEAT (BTU/LB)	12461	12403	12432	12669	12687
COAL ASH (%)	10.09	10.47	10.46	9.10	9.06
OIL SULFUR (%)	0.24	0.17	0.17	0.20	0.20

DATA FOR THE 200 LARGEST SO2 EMITTERS (1976-1980)

PLANT: PARISH
1980 SO2 RANK 117
STATE: TEXAS
ORIS CODE 51352 3470

	1976	1977	1978	1979	1980
SO2 EMISSIONS:					
TOTAL (1000 TONS)	0.0	0.0	5.2	20.6	41.1
COAL (1000 TONS)	0.0	0.0	5.2	20.6	40.4
OIL (1000 TONS)	0.0	0.0	0.0	0.0	0.7
GAS (1000 TONS)	0.0	0.0	0.0	0.0	0.0
SCRUBBER OPERATING?	NO	NO	NO	NO	NO
SO2 REM. (1000 TONS)	0.0	0.0	0.0	0.0	0.0
SO2 EMISSIONS RANK	948	904	371	201	117
FUEL USED:					
COAL (1000 TONS)	0.0	0.0	568.1	2816.7	5794.2
OIL (1000 BBLS)	0.5	8.6	0.4	1.0	205.0
GAS (1000 MCF)	63443.4	61789.6	84937.1	83110.0	65331.1
FUEL HEAT VALUE (10**12 BTU):					
COAL	.	.	10.0	48.5	100.8
OIL	0.0	0.1	0.0	0.0	1.2
GAS	65.2	63.9	88.5	87.1	68.7
TOTAL	65.2	63.9	98.5	135.7	170.8
GENERATION (TWHRS)	6.6	6.5	9.6	13.2	16.2
HEAT RATE (BTU/KWHR)	9900	9900	10210	10290	10530
TOTAL CAPACITY (MW)	1272.0	1334.0	2068.0	2740.0	2740.0
CAPACITY FACTOR	0.59	0.55	0.53	0.55	0.67
FUEL QUALITY:					
COAL SULFUR (%)	.	.	0.54	0.43	0.41
COAL HEAT (BTU/LB)	.	.	8801	8613	8700
COAL ASH (%)	.	.	12.30	5.67	5.74
OIL SULFUR (%)	0.49	0.44	0.50	0.79	0.10

DATA FOR THE 200 LARGEST SO2 EMITTERS (1976-1980)

PLANT: BULL RUN
1980 SO2 RANK 118
STATE: TENNESSEE
ORIS CODE 52987 3396

	1976	1977	1978	1979	1980
SO2 EMISSIONS:					
TOTAL (1000 TONS)	108.5	80.6	44.0	35.3	41.0
COAL (1000 TONS)	108.5	80.6	44.0	35.3	40.8
OIL (1000 TONS)	0.0	0.0	0.0	0.0	0.1
GAS (1000 TONS)	0.0	0.0	0.0	0.0	0.0
SCRUBBER OPERATING?	NO	NO	NO	NO	NO
SO2 REM. (1000 TONS)	0.0	0.0	0.0	0.0	0.0
SO2 EMISSIONS RANK	47	69	114	139	118
FUEL USED:					
COAL (1000 TONS)	2331.1	1631.9	2384.9	1978.3	2310.6
OIL (1000 BBLS)	0.0	0.0	0.0	9.3	44.5
GAS (1000 MCF)	0.0	0.0	0.0	0.0	0.0
FUEL HEAT VALUE (10**12 BTU):					
COAL	54.6	37.3	52.9	44.1	52.3
OIL	.	.	.	0.1	0.3
GAS	.	.	.	.	.
TOTAL	54.6	37.3	52.9	44.1	52.5
GENERATION (TWHRS)	6.1	4.2	6.0	4.9	5.8
HEAT RATE (BTU/KWHR)	8880	8810	8760	9060	9100
TOTAL CAPACITY (MW)	950.0	950.0	950.0	950.0	950.0
CAPACITY FACTOR	0.74	0.51	0.73	0.59	0.69
FUEL QUALITY:					
COAL SULFUR (%)	2.45	2.60	0.97	0.94	0.93
COAL HEAT (BTU/LB)	11712	11441	11094	11138	11307
COAL ASH (%)	13.49	15.09	16.09	15.65	15.01
OIL SULFUR (%)	.	.	.	0.50	0.50

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                 DATA FOR THE 200 LARGEST SO2 EMITTERS (1976-1980)


        PLANT:  SPORN
        1980 SO2 RANK  119
        STATE: WEST VIRGINIA
        ORIS CODE  54155 3938

                                 1976      1977      1978      1979      1980


        SO2 EMISSIONS:
          TOTAL (1000 TONS)      36.1      34.5      33.2      36.1      40.5
          COAL (1000 TONS)       36.1      34.5      33.1      36.0      40.4
          OIL (1000 TONS)         0.0       0.1       0.1       0.1       0.1
          GAS (1000 TONS)         0.0       0.0       0.0       0.0       0.0

        SCRUBBER OPERATING?        NO        NO        NO        NO        NO
        SO2 REM. (1000 TONS)      0.0       0.0       0.0       0.0       0.0

        SO2 EMISSIONS RANK        137       146       140       135       119


        FUEL USED:
          COAL (1000 TONS)     1997.4    1952.0    1893.2    1975.9    2125.9
          OIL (1000 BBLS)        50.1      71.7      81.7      58.4      38.8
          GAS (1000 MCF)          0.0       0.0       0.0       0.0       0.0


        FUEL HEAT VALUE (10**12 BTU):
          COAL                   46.0      43.8      42.7      45.0      49.3
          OIL                     0.3       0.4       0.5       0.4       0.2
          GAS                      .         .         .         .         .

          TOTAL                  46.3      44.3      43.2      45.4      49.5


        GENERATION (TWHRS)        4.8       4.6       4.5       4.8       5.0


        HEAT RATE (BTU/KWHR)     9570      9690      9560      9530      9880


        TOTAL CAPACITY (MW)    1106.0    1106.0    1106.0    1106.0    1106.0


        CAPACITY FACTOR          0.50      0.47      0.47      0.49      0.52


        FUEL QUALITY:
          COAL SULFUR (%)        0.95      0.93      0.92      0.96      1.00
          COAL HEAT (BTU/LB)    11518     11224     11272     11387     11587
          COAL ASH (%)          13.71     15.09     15.15     15.33     13.56
          OIL SULFUR (%)         0.10      0.23      0.30      0.38      0.29
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DATA FOR THE 200 LARGEST SO2 EMITTERS (1976-1980)

PLANT: PULLIAM
1980 SO2 RANK 120
STATE: WISCONSIN
ORIS CODE 53333 4072

	1976	1977	1978	1979	1980
SO2 EMISSIONS:					
TOTAL (1000 TONS)	43.7	50.2	48.5	52.6	40.4
COAL (1000 TONS)	43.7	50.2	48.5	52.5	40.4
OIL (1000 TONS)	0.0	0.0	0.0	0.0	0.1
GAS (1000 TONS)	0.0	0.0	0.0	0.0	0.0
SCRUBBER OPERATING?	NO	NO	NO	NO	NO
SO2 REM. (1000 TONS)	0.0	0.0	0.0	0.0	0.0
SO2 EMISSIONS RANK	114	112	107	95	120
FUEL USED:					
COAL (1000 TONS)	823.5	841.5	768.3	864.3	720.7
OIL (1000 BBLS)	18.9	34.5	18.8	17.6	15.1
GAS (1000 MCF)	55.9	62.1	3.3	11.7	7.4
FUEL HEAT VALUE (10**12 BTU):					
COAL	19.8	20.5	18.7	20.8	17.9
OIL	0.1	0.2	0.1	0.1	0.1
GAS	0.1	0.1	0.0	0.0	0.0
TOTAL	19.9	20.8	18.8	20.9	18.0
GENERATION (TWHRS)	1.7	1.8	1.6	1.8	1.6
HEAT RATE (BTU/KWHR)	11390	11770	11770	11410	11470
TOTAL CAPACITY (MW)	392.0	392.0	392.0	392.0	382.0
CAPACITY FACTOR	0.51	0.51	0.46	0.53	0.47
FUEL QUALITY:					
COAL SULFUR (%)	2.79	3.14	3.32	3.20	2.95
COAL HEAT (BTU/LB)	11995	12199	12146	12016	12444
COAL ASH (%)	10.96	10.43	10.78	11.37	11.17
OIL SULFUR (%)	0.22	0.22	0.22	0.22	0.22

DATA FOR THE 200 LARGEST SO2 EMITTERS (1976-1980)

PLANT: SIBLEY
1980 SO2 RANK 121
STATE: MISSOURI
ORIS CODE 51892 2094

	1976	1977	1978	1979	1980
SO2 EMISSIONS:					
TOTAL (1000 TONS)	60.9	54.4	62.6	50.3	40.4
COAL (1000 TONS)	60.9	54.4	62.6	50.3	40.4
OIL (1000 TONS)	0.0	0.0	0.0	0.0	0.0
GAS (1000 TONS)	0.0	0.0	0.0	0.0	0.0
SCRUBBER OPERATING?	NO	NO	NO	NO	NO
SO2 REM. (1000 TONS)	0.0	0.0	0.0	0.0	0.0
SO2 EMISSIONS RANK	89	98	84	100	121
FUEL USED:					
COAL (1000 TONS)	892.6	778.5	920.2	791.8	674.2
OIL (1000 BBLS)	0.0	0.0	0.0	0.9	2.9
GAS (1000 MCF)	0.0	0.0	0.0	0.0	0.0
FUEL HEAT VALUE (10**12 BTU):					
COAL	21.4	18.5	20.9	17.9	14.6
OIL	.	.	.	0.0	0.0
GAS	.	.	.	.	.
TOTAL	21.4	18.5	20.9	17.9	14.6
GENERATION (TWHRS)	2.0	1.7	1.9	1.6	1.3
HEAT RATE (BTU/KWHR)	10620	10920	11160	10920	11020
TOTAL CAPACITY (MW)	523.0	523.0	523.0	523.0	523.0
CAPACITY FACTOR	0.44	0.37	0.41	0.36	0.29
FUEL QUALITY:					
COAL SULFUR (%)	3.59	3.68	3.58	3.34	3.15
COAL HEAT (BTU/LB)	11973	11894	11350	11282	10844
COAL ASH (%)	12.19	12.42	13.69	11.69	10.74
OIL SULFUR (%)	.	.	.	0.87	0.61

DATA FOR THE 200 LARGEST SO2 EMITTERS (1976-1980)

PLANT: CHESWICK
1980 SO2 RANK 122
STATE: PENNSYLVANIA
ORIS CODE 50827 8226

	1976	1977	1978	1979	1980
SO2 EMISSIONS:					
TOTAL (1000 TONS)	50.5	44.5	46.2	45.9	40.0
COAL (1000 TONS)	50.4	44.4	46.1	45.8	39.9
OIL (1000 TONS)	0.1	0.0	0.1	0.0	0.1
GAS (1000 TONS)	0.0	0.0	0.0	0.0	0.0
SCRUBBER OPERATING?	NO	NO	NO	NO	NO
SO2 REM. (1000 TONS)	0.0	0.0	0.0	0.0	0.0
SO2 EMISSIONS RANK	105	122	110	108	122
FUEL USED:					
COAL (1000 TONS)	1257.0	1306.9	1269.5	1363.2	1380.3
OIL (1000 BBLS)	96.8	51.6	163.1	80.1	28.7
GAS (1000 MCF)	0.0	0.0	0.0	0.0	0.0
FUEL HEAT VALUE (10**12 BTU):					
COAL	29.4	31.4	30.2	32.8	34.0
OIL	0.6	0.3	0.9	0.5	0.2
GAS	.	.	.	.	.
TOTAL	30.0	31.6	31.1	33.3	34.2
GENERATION (TWHRS)	2.9	3.0	2.9	3.1	3.3
HEAT RATE (BTU/KWHR)	10270	10410	10720	10630	10490
TOTAL CAPACITY (MW)	565.0	565.0	565.0	565.0	565.0
CAPACITY FACTOR	0.59	0.61	0.59	0.63	0.66
FUEL QUALITY:					
COAL SULFUR (%)	2.11	1.79	1.91	1.77	1.52
COAL HEAT (BTU/LB)	11696	11995	11882	12048	12321
COAL ASH (%)	16.17	14.29	15.54	14.34	11.11
OIL SULFUR (%)	0.18	0.17	0.20	0.12	0.13

DATA FOR THE 200 LARGEST SO2 EMITTERS (1976-1980)

PLANT: SUNBURY
1980 SO2 RANK 123
STATE: PENNSYLVANIA
ORIS CODE 52288 3152

	1976	1977	1978	1979	1980
SO2 EMISSIONS:					
TOTAL (1000 TONS)	69.2	68.9	54.5	44.5	39.7
COAL (1000 TONS)	69.2	68.9	54.4	44.5	39.7
OIL (1000 TONS)	0.0	0.0	0.1	0.0	0.0
GAS (1000 TONS)	0.0	0.0	0.0	0.0	0.0
SCRUBBER OPERATING?	NO	NO	NO	NO	NO
SO2 REM. (1000 TONS)	0.0	0.0	0.0	0.0	0.0
SO2 EMISSIONS RANK	81	80	97	114	123
FUEL USED:					
COAL (1000 TONS)	1517.9	1516.2	1364.1	1436.7	1329.2
OIL (1000 BBLS)	15.7	36.3	40.0	13.7	14.0
GAS (1000 MCF)	0.0	0.0	0.0	0.0	0.0
FUEL HEAT VALUE (10**12 BTU):					
COAL	33.9	33.6	30.3	31.5	29.7
OIL	0.1	0.2	0.2	0.1	0.1
GAS	.	.	.	.	.
TOTAL	34.0	33.8	30.5	31.6	29.8
GENERATION (TWHRS)	2.8	2.7	2.5	2.6	2.5
HEAT RATE (BTU/KWHR)	12210	12450	12420	12310	12040
TOTAL CAPACITY (MW)	462.0	462.0	462.0	462.0	462.0
CAPACITY FACTOR	0.69	0.67	0.61	0.63	0.61
FUEL QUALITY:					
COAL SULFUR (%)	2.40	2.39	2.10	1.63	1.57
COAL HEAT (BTU/LB)	11162	11064	11104	10978	11168
COAL ASH (%)	14.60	14.81	15.18	16.41	16.35
OIL SULFUR (%)	0.20	0.19	0.46	0.20	0.15

DATA FOR THE 200 LARGEST SO2 EMITTERS (1976-1980)

PLANT: GERALD ANDRUS
1980 SO2 RANK 124
STATE: MISSISSIPPI
ORIS CODE 51887 8054

	1976	1977	1978	1979	1980
SO2 EMISSIONS:					
TOTAL (1000 TONS)	42.7	53.7	57.1	39.9	39.5
COAL (1000 TONS)	0.0	0.0	0.0	0.0	0.0
OIL (1000 TONS)	42.7	53.7	57.1	39.9	39.5
GAS (1000 TONS)	0.0	0.0	0.0	0.0	0.0
SCRUBBER OPERATING?	NO	NO	NO	NO	NO
SO2 REM. (1000 TONS)	0.0	0.0	0.0	0.0	0.0
SO2 EMISSIONS RANK	117	104	93	126	124
FUEL USED:					
COAL (1000 TONS)	0.0	0.0	0.0	0.0	0.0
OIL (1000 BBLS)	5379.0	6486.0	6759.8	4576.2	4463.7
GAS (1000 MCF)	0.0	0.0	0.0	0.0	0.0
FUEL HEAT VALUE (10**12 BTU):					
COAL	.	.	.	.	.
OIL	34.0	40.6	42.4	28.8	28.1
GAS	.	.	.	.	.
TOTAL	34.0	40.6	42.4	28.8	28.1
GENERATION (TWHRS)	3.7	4.3	4.5	3.0	3.0
HEAT RATE (BTU/KWHR)	9290	9440	9480	9690	9470
TOTAL CAPACITY (MW)	781.0	781.0	781.0	781.0	781.0
CAPACITY FACTOR	0.53	0.63	0.65	0.43	0.43
FUEL QUALITY:					
COAL SULFUR (%)	.	.	.	.	.
COAL HEAT (BTU/LB)	.	.	.	.	.
COAL ASH (%)	.	.	.	.	.
OIL SULFUR (%)	2.38	2.48	2.53	2.61	2.65

DATA FOR THE 200 LARGEST SO2 EMITTERS (1976-1980)

PLANT: JIM BRIDGER
1980 SO2 RANK 125
STATE: WYOMING
ORIS CODE 52225 8066

	1976	1977	1978	1979	1980
SO2 EMISSIONS:					
TOTAL (1000 TONS)	37.8	49.6	38.1	42.9	39.3
COAL (1000 TONS)	37.7	49.5	38.0	42.8	39.1
OIL (1000 TONS)	0.0	0.0	0.1	0.1	0.2
GAS (1000 TONS)	0.0	0.0	0.0	0.0	0.0
SCRUBBER OPERATING?	NO	NO	NO	YES	YES
SO2 REM. (1000 TONS)	0.0	0.0	0.0	3.6	12.7
SO2 EMISSIONS RANK	129	113	128	119	125
FUEL USED:					
COAL (1000 TONS)	3579.8	5110.7	4138.4	5057.8	5647.6
OIL (1000 BBLS)	48.7	46.0	85.1	77.5	68.0
GAS (1000 MCF)	0.0	0.0	0.0	0.0	0.0
FUEL HEAT VALUE (10**12 BTU):					
COAL	66.6	95.3	76.5	94.6	107.4
OIL	0.3	0.3	0.5	0.5	0.4
GAS	.	.	.	.	.
TOTAL	66.9	95.5	77.0	95.1	107.8
GENERATION (TWHRS)	6.2	9.2	7.3	8.6	9.4
HEAT RATE (BTU/KWHR)	10710	10420	10520	11050	11510
TOTAL CAPACITY (MW)	1187.0	1526.0	1526.0	1610.0	2034.0
CAPACITY FACTOR	0.60	0.69	0.55	0.61	0.52
FUEL QUALITY:					
COAL SULFUR (%)	0.62	0.57	0.54	0.54	0.54
COAL HEAT (BTU/LB)	9307	9319	9238	9353	9506
COAL ASH (%)	10.42	11.15	12.00	12.01	11.50
OIL SULFUR (%)	0.16	0.30	0.31	0.30	0.30

DATA FOR THE 200 LARGEST SO2 EMITTERS (1976-1980)

```
PLANT:  HENNEPIN
1980 SO2 RANK  126
STATE: ILLINOIS
ORIS CODE  51385 892

                           1976      1977      1978      1979      1980


SO2 EMISSIONS:
  TOTAL (1000 TONS)        43.9      43.5      38.5      37.2      38.5
  COAL (1000 TONS)         43.9      43.5      38.5      37.2      38.5
  OIL (1000 TONS)           0.0       0.0       0.0       0.0       0.0
  GAS (1000 TONS)           0.0       0.0       0.0       0.0       0.0

SCRUBBER OPERATING?          NO        NO        NO        NO        NO
SO2 REM. (1000 TONS)        0.0       0.0       0.0       0.0       0.0

SO2 EMISSIONS RANK          112       124       126       129       126


FUEL USED:
  COAL (1000 TONS)        705.2     826.4     742.3     761.4     820.8
  OIL (1000 BBLS)           0.0       0.0       0.0       0.0       0.0
  GAS (1000 MCF)           72.0      69.3     803.4     856.3      73.4


FUEL HEAT VALUE (10**12 BTU):
  COAL                     15.1      17.9      16.1      17.0      18.5
  OIL                        .         .         .         .         .
  GAS                       0.1       0.1       0.8       0.9       0.1

  TOTAL                    15.2      18.0      16.9      17.9      18.6


GENERATION (TWHRS)          1.5       1.8       1.7       1.8       1.9


HEAT RATE (BTU/KWHR)      10040     10080     10000     10190      9970


TOTAL CAPACITY (MW)       306.0     306.0     306.0     306.0     306.0


CAPACITY FACTOR            0.56      0.67      0.63      0.65      0.69


FUEL QUALITY:
  COAL SULFUR (%)          3.28      2.77      2.73      2.57      2.47
  COAL HEAT (BTU/LB)      10695     10829     10827     11165     11261
  COAL ASH (%)            12.60     10.66     10.79      9.88     10.24
  OIL SULFUR (%)             .         .         .         .         .
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DATA FOR THE 200 LARGEST SO2 EMITTERS (1976-1980)

PLANT: SALEM HARBOR
1980 SO2 RANK 127
STATE: MASSACHUSETTS
ORIS CODE 52007 1626

	1976	1977	1978	1979	1980
SO2 EMISSIONS:					
TOTAL (1000 TONS)	40.6	28.0	30.8	40.1	38.0
COAL (1000 TONS)	0.0	0.0	0.0	0.0	0.1
OIL (1000 TONS)	40.6	28.0	30.8	40.0	37.9
GAS (1000 TONS)	0.0	0.0	0.0	0.0	0.0
SCRUBBER OPERATING?	NO	NO	NO	NO	NO
SO2 REM. (1000 TONS)	0.0	0.0	0.0	0.0	0.0
SO2 EMISSIONS RANK	123	164	148	125	127
FUEL USED:					
COAL (1000 TONS)	0.0	0.0	0.0	0.6	4.6
OIL (1000 BBLS)	6269.6	6026.5	5953.3	5994.3	5507.8
GAS (1000 MCF)	0.0	0.0	0.0	0.0	0.0
FUEL HEAT VALUE (10**12 BTU):					
COAL	.	.	.	0.0	0.1
OIL	39.1	37.5	37.2	37.6	34.7
GAS	.	.	.	.	.
TOTAL	39.1	37.5	37.2	37.6	34.8
GENERATION (TWHRS)	3.7	3.5	3.5	3.6	3.3
HEAT RATE (BTU/KWHR)	10450	10610	10590	10570	10490
TOTAL CAPACITY (MW)	805.0	805.0	805.0	805.0	805.0
CAPACITY FACTOR	0.53	0.50	0.50	0.51	0.47
FUEL QUALITY:					
COAL SULFUR (%)	.	.	.	2.63	1.16
COAL HEAT (BTU/LB)	.	.	.	13502	13376
COAL ASH (%)	.	.	.	9.50	0.00
OIL SULFUR (%)	1.94	1.39	1.55	2.00	2.06

DATA FOR THE 200 LARGEST SO2 EMITTERS (1976-1980)

PLANT: ALLEN
1980 SO2 RANK 128
STATE: NORTH CAROLINA
ORIS CODE 50816 2718

	1976	1977	1978	1979	1980
SO2 EMISSIONS:					
TOTAL (1000 TONS)	42.5	43.4	36.1	35.4	38.0
COAL (1000 TONS)	42.5	43.4	36.1	35.4	37.9
OIL (1000 TONS)	0.0	0.0	0.0	0.0	0.1
GAS (1000 TONS)	0.0	0.0	0.0	0.0	0.0
SCRUBBER OPERATING?	NO	NO	NO	NO	NO
SO2 REM. (1000 TONS)	0.0	0.0	0.0	0.0	0.0
SO2 EMISSIONS RANK	118	125	132	138	128
FUEL USED:					
COAL (1000 TONS)	2194.7	2153.9	1881.6	2069.8	2240.1
OIL (1000 BBLS)	0.0	0.0	0.0	5.2	29.2
GAS (1000 MCF)	0.0	0.0	0.0	0.0	0.0
FUEL HEAT VALUE (10**12 BTU):					
COAL	53.0	52.0	45.4	50.7	55.5
OIL	.	.	.	0.0	0.2
GAS	.	.	.	.	.
TOTAL	53.0	52.0	45.4	50.8	55.7
GENERATION (TWHRS)	5.5	5.2	4.5	5.1	5.6
HEAT RATE (BTU/KWHR)	9730	9970	10020	9890	9930
TOTAL CAPACITY (MW)	1155.0	1155.0	1155.0	1155.0	1155.0
CAPACITY FACTOR	0.54	0.52	0.45	0.51	0.55
FUEL QUALITY:					
COAL SULFUR (%)	1.02	1.06	1.01	0.90	0.89
COAL HEAT (BTU/LB)	12083	12071	12065	12254	12388
COAL ASH (%)	14.08	12.80	13.35	12.09	12.13
OIL SULFUR (%)	.	.	.	0.21	0.22

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            DATA FOR THE 200 LARGEST SO2 EMITTERS (1976-1980)


  PLANT:  GENOA NO.3
  1980 SO2 RANK  129
  STATE: WISCONSIN
  ORIS CODE  50733 4143

                            1976       1977       1978       1979       1980

  SO2 EMISSIONS:
    TOTAL (1000 TONS)       42.8       46.6       42.5       48.8       37.5
    COAL (1000 TONS)        42.8       46.6       42.5       48.8       37.5
    OIL (1000 TONS)          0.0        0.0        0.0        0.0        0.0
    GAS (1000 TONS)          0.0        0.0        0.0        0.0        0.0

  SCRUBBER OPERATING?         NO         NO         NO         NO         NO
  SO2 REM. (1000 TONS)       0.0        0.0        0.0        0.0        0.0

  SO2 EMISSIONS RANK         116        118        117        104        129


  FUEL USED:
    COAL (1000 TONS)       998.0     1011.1      749.8      940.9      914.5
    OIL (1000 BBLS)          0.5        1.1        0.3        0.5        4.7
    GAS (1000 MCF)           0.0        0.0        0.0        0.0        0.0


  FUEL HEAT VALUE (10**12 BTU):
    COAL                    19.5       19.7       15.3       19.1       17.9
    OIL                      0.0        0.0        0.0        0.0        0.0
    GAS                       .          .          .          .          .

    TOTAL                   19.5       19.7       15.3       19.1       17.9


  GENERATION (TWHRS)         2.0        2.1        1.6        2.1        1.9


  HEAT RATE (BTU/KWHR)      9950       9540       9720       9270       9290


  TOTAL CAPACITY (MW)      360.0      360.0      360.0      360.0      360.0


  CAPACITY FACTOR           0.62       0.66       0.50       0.65       0.61


  FUEL QUALITY:
    COAL SULFUR (%)         2.52       2.71       2.98       2.73       2.41
    COAL HEAT (BTU/LB)      9762       9745      10220      10157       9768
    COAL ASH (%)           11.72      12.78      13.62      10.49      10.48
    OIL SULFUR (%)          0.40       0.37       0.35       0.48       0.43
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DATA FOR THE 200 LARGEST SO2 EMITTERS (1976-1980)

PLANT: FORT MYERS
1980 SO2 RANK 130
STATE: FLORIDA
ORIS CODE 51006 612

	1976	1977	1978	1979	1980
SO2 EMISSIONS:					
TOTAL (1000 TONS)	14.7	32.9	17.2	31.4	36.5
COAL (1000 TONS)	0.0	0.0	0.0	0.0	0.0
OIL (1000 TONS)	14.7	32.9	17.2	31.4	36.5
GAS (1000 TONS)	0.0	0.0	0.0	0.0	0.0
SCRUBBER OPERATING?	NO	NO	NO	NO	NO
SO2 REM. (1000 TONS)	0.0	0.0	0.0	0.0	0.0
SO2 EMISSIONS RANK	239	149	223	152	130
FUEL USED:					
COAL (1000 TONS)	0.0	0.0	0.0	0.0	0.0
OIL (1000 BBLS)	5173.3	5246.9	4130.3	4635.1	5371.0
GAS (1000 MCF)	0.0	0.0	0.0	0.0	0.0
FUEL HEAT VALUE (10**12 BTU):					
COAL	.	.	.	.	.
OIL	31.7	32.4	25.4	29.0	33.7
GAS	.	.	.	.	.
TOTAL	31.7	32.4	25.4	29.0	33.7
GENERATION (TWHRS)	3.0	3.3	2.6	3.0	3.4
HEAT RATE (BTU/KWHR)	10710	9940	9910	9690	9790
TOTAL CAPACITY (MW)	1302.0	1302.0	1302.0	1302.0	1302.0
CAPACITY FACTOR	0.26	0.29	0.22	0.26	0.30
FUEL QUALITY:					
COAL SULFUR (%)	.	.	.	.	.
COAL HEAT (BTU/LB)	.	.	.	.	.
COAL ASH (%)	.	.	.	.	.
OIL SULFUR (%)	0.85	1.88	1.25	2.03	2.12

DATA FOR THE 200 LARGEST SO2 EMITTERS (1976-1980)

PLANT: J T DEELY
1980 SO2 RANK 131
STATE: TEXAS
ORIS CODE 52567 6181

	1976	1977	1978	1979	1980
SO2 EMISSIONS:					
TOTAL (1000 TONS)	.	3.4	14.2	20.1	35.8
COAL (1000 TONS)	.	3.2	14.0	20.0	35.7
OIL (1000 TONS)	.	0.2	0.2	0.1	0.1
GAS (1000 TONS)	.	0.0	0.0	0.0	0.0
SCRUBBER OPERATING?	NO	NO	NO	NO	NO
SO2 REM. (1000 TONS)	.	0.0	0.0	0.0	0.0
SO2 EMISSIONS RANK	.	415	252	204	131
FUEL USED:					
COAL (1000 TONS)	.	515.9	2232.4	3020.0	2919.7
OIL (1000 BBLS)	.	120.3	124.5	27.8	15.8
GAS (1000 MCF)	.	0.0	0.0	0.0	0.0
FUEL HEAT VALUE (10**12 BTU):					
COAL	.	8.4	37.3	50.5	49.0
OIL	.	0.7	0.8	0.2	0.1
GAS	.	.	.	.	.
TOTAL	.	9.2	38.1	50.7	49.1
GENERATION (TWHRS)	.	0.8	3.5	4.8	4.6
HEAT RATE (BTU/KWHR)	.	11090	10810	10650	10610
TOTAL CAPACITY (MW)	.	447.0	708.0	894.0	894.0
CAPACITY FACTOR	.	0.21	0.57	0.61	0.59
FUEL QUALITY:					
COAL SULFUR (%)	.	0.37	0.37	0.39	0.72
COAL HEAT (BTU/LB)	.	8172	8361	8367	8397
COAL ASH (%)	.	6.59	6.30	6.55	6.41
OIL SULFUR (%)	.	0.44	0.50	0.59	0.51

DATA FOR THE 200 LARGEST SO2 EMITTERS (1976-1980)

PLANT: DICKERSON
1980 SO2 RANK 132
STATE: MARYLAND
ORIS CODE 52371 1572

	1976	1977	1978	1979	1980
SO2 EMISSIONS:					
TOTAL (1000 TONS)	40.2	41.7	37.5	21.9	35.6
COAL (1000 TONS)	40.2	41.6	37.3	21.7	35.2
OIL (1000 TONS)	0.0	0.1	0.1	0.1	0.4
GAS (1000 TONS)	0.0	0.0	0.0	0.0	0.0
SCRUBBER OPERATING?	NO	NO	NO	NO	NO
SO2 REM. (1000 TONS)	0.0	0.0	0.0	0.0	0.0
SO2 EMISSIONS RANK	124	130	131	196	132
FUEL USED:					
COAL (1000 TONS)	1409.0	1385.2	1309.4	1180.1	1173.5
OIL (1000 BBLS)	59.8	111.4	208.8	159.4	105.4
GAS (1000 MCF)	0.0	0.0	0.0	0.0	0.0
FUEL HEAT VALUE (10**12 BTU):					
COAL	34.5	33.6	32.0	29.1	28.8
OIL	0.3	0.6	1.2	0.9	0.6
GAS	.	.	.	.	.
TOTAL	34.9	34.2	33.2	30.0	29.4
GENERATION (TWHRS)	3.6	3.5	3.4	3.0	2.9
HEAT RATE (BTU/KWHR)	9620	9640	9880	9910	10090
TOTAL CAPACITY (MW)	603.0	603.0	603.0	603.0	603.0
CAPACITY FACTOR	0.68	0.67	0.64	0.57	0.55
FUEL QUALITY:					
COAL SULFUR (%)	1.50	1.58	1.50	0.97	1.58
COAL HEAT (BTU/LB)	12244	12121	12209	12322	12272
COAL ASH (%)	12.76	13.53	12.73	11.69	13.12
OIL SULFUR (%)	0.20	0.20	0.20	0.20	0.20

DATA FOR THE 200 LARGEST SO2 EMITTERS (1976-1980)

PLANT: CANE RUN
1980 SO2 RANK 133
STATE: KENTUCKY
ORIS CODE 51695 1363

	1976	1977	1978	1979	1980
SO2 EMISSIONS:					
TOTAL (1000 TONS)	134.6	118.7	63.6	43.5	35.6
COAL (1000 TONS)	134.6	118.7	63.6	43.5	35.4
OIL (1000 TONS)	0.0	0.0	0.0	0.0	0.1
GAS (1000 TONS)	0.0	0.0	0.0	0.0	0.0
SCRUBBER OPERATING?	YES	YES	YES	YES	YES
SO2 REM. (1000 TONS)	7.3	21.8	29.8	43.9	51.9
SO2 EMISSIONS RANK	31	43	81	117	133
FUEL USED:					
COAL (1000 TONS)	1886.1	2020.1	1591.1	1377.5	1360.5
OIL (1000 BBLS)	0.0	0.0	9.9	15.7	34.6
GAS (1000 MCF)	1.9	265.3	994.0	672.0	1594.4
FUEL HEAT VALUE (10**12 BTU):					
COAL	41.6	44.3	34.1	30.3	30.2
OIL	.	.	0.1	0.1	0.2
GAS	0.0	0.3	1.0	0.7	1.6
TOTAL	41.7	44.5	35.2	31.1	32.0
GENERATION (TWHRS)	4.1	4.4	3.5	2.9	2.9
HEAT RATE (BTU/KWHR)	10090	10110	10190	10690	10980
TOTAL CAPACITY (MW)	1033.0	1033.0	1033.0	1033.0	1033.0
CAPACITY FACTOR	0.46	0.49	0.38	0.32	0.32
FUEL QUALITY:					
COAL SULFUR (%)	3.96	3.66	3.09	3.34	3.38
COAL HEAT (BTU/LB)	11041	10958	10726	10998	11093
COAL ASH (%)	13.50	13.76	15.21	12.41	12.89
OIL SULFUR (%)	.	.	0.14	0.16	0.20

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                  DATA FOR THE 200 LARGEST SO2 EMITTERS (1976-1980)


PLANT:  COLUMBIA
1980 SO2 RANK  134
STATE: WISCONSIN
ORIS CODE  53332 8023

                         1976         1977         1978         1979         1980


SO2 EMISSIONS:
  TOTAL (1000 TONS)      22.1         22.6         26.2         32.1         35.0
  COAL (1000 TONS)       22.1         22.6         26.2         32.0         34.9
  OIL (1000 TONS)         0.0          0.0          0.0          0.1          0.1
  GAS (1000 TONS)         0.0          0.0          0.0          0.0          0.0

SCRUBBER OPERATING?        NO           NO           NO           NO           NO
SO2 REM. (1000 TONS)      0.0          0.0          0.0          0.0          0.0

SO2 EMISSIONS RANK        194          194          170          148          134


FUEL USED:
  COAL (1000 TONS)     1708.4       1772.6       2853.8       3243.7       3602.8
  OIL (1000 BBLS)        20.0         12.5         38.6         42.0         28.3
  GAS (1000 MCF)          0.0          0.0          0.0          0.0          0.0


FUEL HEAT VALUE (10**12 BTU):
  COAL                   29.6         30.6         49.9         55.5         60.8
  OIL                     0.1          0.1          0.2          0.3          0.2
  GAS                      .            .            .            .            .

  TOTAL                  29.7         30.7         50.2         55.8         61.0


GENERATION (TWHRS)        2.9          3.0          4.5          5.2          5.8


HEAT RATE (BTU/KWHR)    10290        10390        11080        10710        10530


TOTAL CAPACITY (MW)     527.0        549.0        928.0       1112.0       1112.0


CAPACITY FACTOR          0.62         0.61         0.56         0.53         0.59


FUEL QUALITY:
  COAL SULFUR (%)        0.76         0.75         0.54         0.58         0.57
  COAL HEAT (BTU/LB)     8659         8629         8749         8555         8441
  COAL ASH (%)           8.02         8.05         6.26         6.54         6.90
  OIL SULFUR (%)         0.40         0.37         0.35         0.48         0.43
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DATA FOR THE 200 LARGEST SO2 EMITTERS (1976-1980)

PLANT: KING
1980 SO2 RANK 135
STATE: MINNESOTA
ORIS CODE 52107 1915

	1976	1977	1978	1979	1980
SO2 EMISSIONS:					
TOTAL (1000 TONS)	64.5	54.4	27.5	31.3	34.7
COAL (1000 TONS)	64.5	54.4	27.5	31.3	34.7
OIL (1000 TONS)	0.0	0.0	0.0	0.0	0.0
GAS (1000 TONS)	0.0	0.0	0.0	0.0	0.0
SCRUBBER OPERATING?	NO	NO	NO	NO	NO
SO2 REM. (1000 TONS)	0.0	0.0	0.0	0.0	0.0
SO2 EMISSIONS RANK	86	99	168	153	135
FUEL USED:					
COAL (1000 TONS)	1607.5	1531.3	1163.6	1269.8	1342.5
OIL (1000 BBLS)	0.0	0.0	0.0	0.0	0.0
GAS (1000 MCF)	0.0	0.0	0.0	0.0	0.0
FUEL HEAT VALUE (10**12 BTU):					
COAL	31.6	29.5	21.4	23.5	24.9
OIL	.	.	.	.	.
GAS	.	.	.	.	.
TOTAL	31.6	29.5	21.4	23.5	24.9
GENERATION (TWHRS)	3.2	2.9	2.1	2.3	2.4
HEAT RATE (BTU/KWHR)	9890	10040	10160	10330	10400
TOTAL CAPACITY (MW)	598.0	598.0	598.0	598.0	598.0
CAPACITY FACTOR	0.61	0.56	0.40	0.44	0.46
FUEL QUALITY:					
COAL SULFUR (%)	2.36	2.09	1.39	1.45	1.52
COAL HEAT (BTU/LB)	9835	9633	9183	9267	9283
COAL ASH (%)	10.70	9.86	8.68	9.13	9.46
OIL SULFUR (%)	.	.	.	.	.

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              DATA FOR THE 200 LARGEST SO2 EMITTERS (1976-1980)


PLANT:  LELAND OLDS
1980 SO2 RANK  136
STATE: NORTH DAKOTA
ORIS CODE  50180 2817

                         1976        1977        1978        1979        1980


SO2 EMISSIONS:
  TOTAL (1000 TONS)      26.0        26.0        30.8        28.4        34.3
  COAL (1000 TONS)       26.0        26.0        30.8        28.4        34.3
  OIL (1000 TONS)         0.0         0.0         0.0         0.0         0.0
  GAS (1000 TONS)         0.0         0.0         0.0         0.0         0.0

SCRUBBER OPERATING?        NO          NO          NO          NO          NO
SO2 REM. (1000 TONS)      0.0         0.0         0.0         0.0         0.0

SO2 EMISSIONS RANK        179         180         149         159         136


FUEL USED:
  COAL (1000 TONS)     3211.7      3266.6      3796.7      3505.5      3263.3
  OIL (1000 BBLS)         0.0         0.0         0.0         0.0         0.0
  GAS (1000 MCF)          0.0         0.0         0.0         0.0         0.0


FUEL HEAT VALUE (10**12 BTU):
  COAL                   42.2        43.3        50.9        46.3        43.3
  OIL                       .           .           .           .           .
  GAS                       .           .           .           .           .

  TOTAL                  42.2        43.3        50.9        46.3        43.3


GENERATION (TWHRS)        3.4         3.7         4.3         3.8         3.6


HEAT RATE (BTU/KWHR)    12260       11750       11810       12210       12150


TOTAL CAPACITY (MW)     656.0       656.0       656.0       656.0       656.0


CAPACITY FACTOR          0.60        0.64        0.75        0.66        0.62


FUEL QUALITY:
  COAL SULFUR (%)        0.54        0.53        0.54        0.54        0.70
  COAL HEAT (BTU/LB)     6570        6628        6703        6609        6640
  COAL ASH (%)          14.24       14.01       13.68       13.83       13.68
  OIL SULFUR (%)            .           .           .           .           .
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                DATA FOR THE 200 LARGEST SO2 EMITTERS (1976-1980)


PLANT:  MOHAVE
1980 SO2 RANK  137
STATE: NEVADA
ORIS CODE  52721 2341

                          1976      1977      1978      1979      1980

SO2 EMISSIONS:
  TOTAL (1000 TONS)       31.5      32.0      31.8      43.6      33.1
  COAL (1000 TONS)        31.5      32.0      31.8      43.6      33.1
  OIL (1000 TONS)          0.0       0.0       0.0       0.0       0.0
  GAS (1000 TONS)          0.0       0.0       0.0       0.0       0.0

SCRUBBER OPERATING?         NO        NO        NO        NO        NO
SO2 REM. (1000 TONS)       0.0       0.0       0.0       0.0       0.0

SO2 EMISSIONS RANK         154       151       145       116       137


FUEL USED:
  COAL (1000 TONS)      4148.2    4111.9    3100.8    3371.1    3169.8
  OIL (1000 BBLS)          0.0       0.0       0.0       0.0       0.0
  GAS (1000 MCF)        3278.3    3822.5    3530.6    3395.3    3364.4


FUEL HEAT VALUE (10**12 BTU):
  COAL                    90.9      89.6      67.4      73.4      69.2
  OIL                        .         .         .         .         .
  GAS                      3.5       4.1       3.8       3.7       3.6

  TOTAL                   94.4      93.7      71.3      77.0      72.8


GENERATION (TWHRS)         8.5       8.5       5.8       6.5       6.0


HEAT RATE (BTU/KWHR)     11150     11070     12250     11880     12170


TOTAL CAPACITY (MW)     1636.0    1636.0    1636.0    1636.0    1636.0


CAPACITY FACTOR           0.59      0.59      0.41      0.45      0.42


FUEL QUALITY:
  COAL SULFUR (%)         0.40      0.41      0.54      0.68      0.55
  COAL HEAT (BTU/LB)     10952     10896     10875     10884     10917
  COAL ASH (%)            9.81     10.17     10.67     11.31     10.26
  OIL SULFUR (%)             .         .         .         .         .
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DATA FOR THE 200 LARGEST SO2 EMITTERS (1976-1980)

PLANT: SHERBURNE COUNTY
1980 SO2 RANK 138
STATE: MINNESOTA
ORIS CODE 52107 6090

	1976	1977	1978	1979	1980
SO2 EMISSIONS:					
TOTAL (1000 TONS)	17.3	31.0	30.7	27.7	32.8
COAL (1000 TONS)	17.2	31.0	30.6	27.7	32.8
OIL (1000 TONS)	0.2	0.1	0.1	0.1	0.0
GAS (1000 TONS)	0.0	0.0	0.0	0.0	0.0
SCRUBBER OPERATING?	YES	YES	YES	YES	YES
SO2 REM. (1000 TONS)	10.8	32.7	32.4	29.2	34.7
SO2 EMISSIONS RANK	218	155	150	162	138
FUEL USED:					
COAL (1000 TONS)	1661.3	4568.3	4812.8	4402.9	5026.5
OIL (1000 BBLS)	98.6	42.6	33.8	18.7	7.8
GAS (1000 MCF)	0.0	0.0	0.0	0.0	0.0
FUEL HEAT VALUE (10**12 BTU):					
COAL	29.0	79.8	84.0	77.0	87.4
OIL	0.6	0.2	0.2	0.1	0.0
GAS	.	.	.	.	.
TOTAL	29.6	80.1	84.2	77.1	87.5
GENERATION (TWHRS)	2.8	7.6	8.1	7.4	8.3
HEAT RATE (BTU/KWHR)	10460	10480	10450	10480	10490
TOTAL CAPACITY (MW)	720.0	1261.0	1440.0	1440.0	1440.0
CAPACITY FACTOR	0.45	0.69	0.64	0.58	0.66
FUEL QUALITY:					
COAL SULFUR (%)	0.99	0.82	0.77	0.76	0.79
COAL HEAT (BTU/LB)	8725	8736	8722	8744	8695
COAL ASH (%)	9.69	9.72	9.43	9.43	9.66
OIL SULFUR (%)	0.50	0.50	0.50	1.36	1.03

DATA FOR THE 200 LARGEST SO2 EMITTERS (1976-1980)

PLANT: VALLEY
1980 SO2 RANK 139
STATE: WISCONSIN
ORIS CODE 53330 4042

	1976	1977	1978	1979	1980
SO2 EMISSIONS:					
TOTAL (1000 TONS)	29.9	42.0	51.1	32.8	32.8
COAL (1000 TONS)	29.9	42.0	51.1	32.8	32.8
OIL (1000 TONS)	0.0	0.0	0.0	0.0	0.0
GAS (1000 TONS)	0.0	0.0	0.0	0.0	0.0
SCRUBBER OPERATING?	NO	NO	NO	NO	NO
SO2 REM. (1000 TONS)	0.0	0.0	0.0	0.0	0.0
SO2 EMISSIONS RANK	161	129	103	145	139
FUEL USED:					
COAL (1000 TONS)	520.4	614.0	747.4	582.0	625.1
OIL (1000 BBLS)	0.2	2.0	0.8	0.2	0.0
GAS (1000 MCF)	113.3	111.9	156.0	208.2	91.7
FUEL HEAT VALUE (10**12 BTU):					
COAL	12.4	14.1	17.2	13.8	15.4
OIL	0.0	0.0	0.0	0.0	.
GAS	0.1	0.1	0.2	0.2	0.1
TOTAL	12.5	14.2	17.3	14.0	15.5
GENERATION (TWHRS)	1.0	1.1	1.2	1.0	1.1
HEAT RATE (BTU/KWHR)	12920	12650	14980	13830	13560
TOTAL CAPACITY (MW)	270.0	270.0	270.0	270.0	270.0
CAPACITY FACTOR	0.41	0.48	0.49	0.43	0.48
FUEL QUALITY:					
COAL SULFUR (%)	3.02	3.60	3.60	2.97	2.76
COAL HEAT (BTU/LB)	11867	11498	11479	11881	12291
COAL ASH (%)	9.27	10.48	10.18	9.56	6.31
OIL SULFUR (%)	0.40	0.37	0.35	0.48	.

DATA FOR THE 200 LARGEST SO2 EMITTERS (1976-1980)

PLANT: CLIFFSIDE
1980 SO2 RANK 140
STATE: NORTH CAROLINA
ORIS CODE 50816 2721

	1976	1977	1978	1979	1980
SO2 EMISSIONS:					
TOTAL (1000 TONS)	39.3	41.4	32.8	34.3	32.5
COAL (1000 TONS)	39.3	41.4	32.8	34.3	32.4
OIL (1000 TONS)	0.0	0.0	0.0	0.0	0.1
GAS (1000 TONS)	0.0	0.0	0.0	0.0	0.0
SCRUBBER OPERATING?	NO	NO	NO	NO	NO
SO2 REM. (1000 TONS)	0.0	0.0	0.0	0.0	0.0
SO2 EMISSIONS RANK	126	131	141	142	140
FUEL USED:					
COAL (1000 TONS)	1543.4	1627.8	1251.7	1345.7	1673.9
OIL (1000 BBLS)	0.0	0.0	0.0	8.3	28.4
GAS (1000 MCF)	0.0	0.0	0.0	0.0	0.0
FUEL HEAT VALUE (10**12 BTU):					
COAL	37.4	38.9	29.7	32.7	41.3
OIL	.	.	.	0.0	0.2
GAS	.	.	.	.	.
TOTAL	37.4	38.9	29.7	32.7	41.4
GENERATION (TWHRS)	3.7	3.8	2.9	3.2	4.0
HEAT RATE (BTU/KWHR)	10120	10260	10200	10290	10250
TOTAL CAPACITY (MW)	781.0	781.0	781.0	781.0	781.0
CAPACITY FACTOR	0.54	0.55	0.43	0.47	0.59
FUEL QUALITY:					
COAL SULFUR (%)	1.34	1.34	1.38	1.34	1.02
COAL HEAT (BTU/LB)	12115	11948	11867	12144	12322
COAL ASH (%)	14.46	14.92	15.22	14.30	13.35
OIL SULFUR (%)	.	.	.	0.19	0.22

DATA FOR THE 200 LARGEST SO2 EMITTERS (1976-1980)

PLANT: EDDYSTONE
1980 SO2 RANK 141
STATE: PENNSYLVANIA
ORIS CODE 52304 3161

	1976	1977	1978	1979	1980
SO2 EMISSIONS:					
TOTAL (1000 TONS)	63.6	49.5	52.3	50.5	32.4
COAL (1000 TONS)	60.4	45.7	47.3	46.3	28.6
OIL (1000 TONS)	3.1	3.8	5.0	4.3	3.8
GAS (1000 TONS)	0.0	0.0	0.0	0.0	0.0
SCRUBBER OPERATING?	NO	NO	NO	NO	NO
SO2 REM. (1000 TONS)	0.0	0.0	0.0	0.0	0.0
SO2 EMISSIONS RANK	88	114	101	99	141
FUEL USED:					
COAL (1000 TONS)	1218.8	852.5	958.1	1006.1	799.9
OIL (1000 BBLS)	2416.8	2761.1	3723.1	2834.2	2441.3
GAS (1000 MCF)	0.0	0.0	0.0	0.0	0.0
FUEL HEAT VALUE (10**12 BTU):					
COAL	31.4	22.1	24.7	26.1	20.8
OIL	14.8	17.1	23.1	17.5	15.2
GAS	.	.	.	.	.
TOTAL	46.2	39.2	47.8	43.6	36.1
GENERATION (TWHRS)	4.5	3.6	4.4	3.8	3.2
HEAT RATE (BTU/KWHR)	10240	11040	10920	11350	11190
TOTAL CAPACITY (MW)	1374.0	1569.0	1569.0	1569.0	1569.0
CAPACITY FACTOR	0.37	0.26	0.32	0.28	0.23
FUEL QUALITY:					
COAL SULFUR (%)	2.61	2.82	2.60	2.42	1.88
COAL HEAT (BTU/LB)	12882	12986	12886	12974	13027
COAL ASH (%)	9.39	9.38	9.68	9.04	8.40
OIL SULFUR (%)	0.39	0.41	0.40	0.45	0.46

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                  DATA FOR THE 200 LARGEST SO2 EMITTERS (1976-1980)


PLANT:  KAPP
1980 SO2 RANK  142
STATE: IOWA
ORIS CODE  51403 1048

                          1976       1977       1978       1979       1980


SO2 EMISSIONS:
  TOTAL (1000 TONS)       26.9       26.3       30.5       24.0       32.3
  COAL (1000 TONS)        26.9       26.3       30.5       24.0       32.3
  OIL (1000 TONS)          0.0        0.0        0.0        0.0        0.0
  GAS (1000 TONS)          0.0        0.0        0.0        0.0        0.0

SCRUBBER OPERATING?         NO         NO         NO         NO         NO
SO2 REM. (1000 TONS)       0.0        0.0        0.0        0.0        0.0

SO2 EMISSIONS RANK         172        177        151        183        142


FUEL USED:
  COAL (1000 TONS)       539.1      472.7      572.9      420.5      604.4
  OIL (1000 BBLS)          2.8        3.7        3.9        2.1        1.6
  GAS (1000 MCF)          18.7       12.3        3.5      395.1       10.1


FUEL HEAT VALUE (10**12 BTU):
  COAL                    11.1        9.9       12.3        9.2       12.8
  OIL                      0.0        0.0        0.0        0.0        0.0
  GAS                      0.0        0.0        0.0        0.4        0.0

  TOTAL                   11.2       10.0       12.3        9.6       12.8


GENERATION (TWHRS)         1.0        0.9        1.1        0.8        1.2


HEAT RATE (BTU/KWHR)     10950      11000      11670      12320      10870


TOTAL CAPACITY (MW)      237.0      237.0      237.0      237.0      237.0


CAPACITY FACTOR           0.49       0.44       0.51       0.37       0.56


FUEL QUALITY:
  COAL SULFUR (%)         2.63       2.93       2.80       3.00       2.81
  COAL HEAT (BTU/LB)     10316      10509      10714      10900      10551
  COAL ASH (%)           11.44      11.49      10.70      10.45      10.11
  OIL SULFUR (%)          0.35       0.30       0.30       0.30       0.30
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DATA FOR THE 200 LARGEST SO2 EMITTERS (1976-1980)

PLANT: ARMSTRONG
1980 SO2 RANK 143
STATE: PENNSYLVANIA
ORIS CODE 54030 3178

	1976	1977	1978	1979	1980
SO2 EMISSIONS:					
TOTAL (1000 TONS)	36.3	47.9	29.4	40.9	32.2
COAL (1000 TONS)	36.3	47.9	29.3	40.9	32.2
OIL (1000 TONS)	0.0	0.0	0.0	0.0	0.0
GAS (1000 TONS)	0.0	0.0	0.0	0.0	0.0
SCRUBBER OPERATING?	NO	NO	NO	NO	NO
SO2 REM. (1000 TONS)	0.0	0.0	0.0	0.0	0.0
SO2 EMISSIONS RANK	135	117	157	124	143
FUEL USED:					
COAL (1000 TONS)	970.5	1184.3	821.6	1098.7	968.3
OIL (1000 BBLS)	3.2	4.3	4.3	3.3	2.2
GAS (1000 MCF)	0.0	0.0	0.0	0.0	0.0
FUEL HEAT VALUE (10**12 BTU):					
COAL	23.7	28.2	20.0	26.8	23.8
OIL	0.0	0.0	0.0	0.0	0.0
GAS	.	.	.	.	.
TOTAL	23.7	28.2	20.0	26.8	23.8
GENERATION (TWHRS)	2.1	2.4	1.8	2.5	2.2
HEAT RATE (BTU/KWHR)	11300	11810	11120	10750	10870
TOTAL CAPACITY (MW)	326.0	326.0	326.0	326.0	326.0
CAPACITY FACTOR	0.73	0.84	0.63	0.87	0.76
FUEL QUALITY:					
COAL SULFUR (%)	1.97	2.13	1.88	1.96	1.75
COAL HEAT (BTU/LB)	12201	11910	12144	12207	12269
COAL ASH (%)	13.67	14.44	13.05	12.09	11.49
OIL SULFUR (%)	0.19	0.25	0.31	0.26	0.27

DATA FOR THE 200 LARGEST SO2 EMITTERS (1976-1980)

PLANT: PORTLAND
1980 SO2 RANK 144
STATE: PENNSYLVANIA
ORIS CODE 54020 3113

	1976	1977	1978	1979	1980
SO2 EMISSIONS:					
TOTAL (1000 TONS)	34.1	39.4	39.6	28.3	32.2
COAL (1000 TONS)	34.1	39.3	39.6	28.3	32.1
OIL (1000 TONS)	0.0	0.0	0.0	0.0	0.1
GAS (1000 TONS)	0.0	0.0	0.0	0.0	0.0
SCRUBBER OPERATING?	NO	NO	NO	NO	NO
SO2 REM. (1000 TONS)	0.0	0.0	0.0	0.0	0.0
SO2 EMISSIONS RANK	143	135	125	160	144
FUEL USED:					
COAL (1000 TONS)	804.5	945.4	946.3	677.0	784.8
OIL (1000 BBLS)	36.2	52.4	40.0	13.3	37.3
GAS (1000 MCF)	0.0	0.0	0.0	101.4	856.2
FUEL HEAT VALUE (10**12 BTU):					
COAL	20.2	23.1	23.3	17.1	19.8
OIL	0.2	0.3	0.2	0.1	0.2
GAS	.	.	.	0.1	0.9
TOTAL	20.5	23.4	23.5	17.2	20.9
GENERATION (TWHRS)	2.0	2.3	2.3	1.7	1.9
HEAT RATE (BTU/KWHR)	10030	10090	10140	10390	11160
TOTAL CAPACITY (MW)	464.0	464.0	464.0	464.0	464.0
CAPACITY FACTOR	0.50	0.57	0.57	0.41	0.46
FUEL QUALITY:					
COAL SULFUR (%)	2.23	2.19	2.20	2.20	2.15
COAL HEAT (BTU/LB)	12584	12224	12292	12594	12612
COAL ASH (%)	10.94	12.47	12.19	10.75	10.42
OIL SULFUR (%)	0.21	0.15	0.11	0.17	0.16

DATA FOR THE 200 LARGEST SO2 EMITTERS (1976-1980)

PLANT: KARN-WEADOCK
1980 SO2 RANK 145
STATE: MICHIGAN
ORIS CODE 50658 1702

	1976	1977	1978	1979	1980
SO2 EMISSIONS:					
TOTAL (1000 TONS)	74.4	67.4	78.4	74.3	32.2
COAL (1000 TONS)	67.8	60.7	59.4	58.1	20.9
OIL (1000 TONS)	6.6	6.8	19.0	16.2	11.3
GAS (1000 TONS)	0.0	0.0	0.0	0.0	0.0
SCRUBBER OPERATING?	NO	NO	NO	NO	NO
SO2 REM. (1000 TONS)	0.0	0.0	0.0	0.0	0.0
SO2 EMISSIONS RANK	74	81	64	65	145
FUEL USED:					
COAL (1000 TONS)	1298.3	1247.1	1185.1	1383.4	1276.4
OIL (1000 BBLS)	4586.5	4053.0	9155.3	7580.7	5447.8
GAS (1000 MCF)	0.0	0.0	0.0	0.0	0.0
FUEL HEAT VALUE (10**12 BTU):					
COAL	29.7	28.9	27.7	32.7	32.7
OIL	26.6	23.6	55.2	46.0	32.7
GAS	.	.	.	.	.
TOTAL	56.2	52.5	82.9	78.8	65.5
GENERATION (TWHRS)	5.5	5.1	7.6	7.2	6.1
HEAT RATE (BTU/KWHR)	10280	10300	10960	10990	10800
TOTAL CAPACITY (MW)	1135.0	1346.0	1767.0	1767.0	1767.0
CAPACITY FACTOR	0.55	0.43	0.49	0.46	0.39
FUEL QUALITY:					
COAL SULFUR (%)	2.75	2.56	2.64	2.21	0.86
COAL HEAT (BTU/LB)	11431	11574	11677	11828	12827
COAL ASH (%)	12.01	12.12	13.79	12.40	9.75
OIL SULFUR (%)	0.43	0.50	0.62	0.64	0.62

DATA FOR THE 200 LARGEST SO2 EMITTERS (1976-1980)

PLANT: NAUGHTON
1980 SO2 RANK 146
STATE: WYOMING
ORIS CODE 53107 4162

	1976	1977	1978	1979	1980
SO2 EMISSIONS:					
TOTAL (1000 TONS)	18.8	21.6	23.7	23.9	32.1
COAL (1000 TONS)	18.8	21.6	23.7	23.9	32.1
OIL (1000 TONS)	0.0	0.0	0.0	0.0	0.0
GAS (1000 TONS)	0.0	0.0	0.0	0.0	0.0
SCRUBBER OPERATING?	NO	NO	NO	NO	NO
SO2 REM. (1000 TONS)	0.0	0.0	0.0	0.0	0.0
SO2 EMISSIONS RANK	211	203	187	184	146
FUEL USED:					
COAL (1000 TONS)	2210.4	2438.6	2582.5	2505.5	2167.3
OIL (1000 BBLS)	11.3	8.4	8.0	8.5	12.1
GAS (1000 MCF)	26.4	71.5	73.7	82.6	63.8
FUEL HEAT VALUE (10**12 BTU):					
COAL	42.5	46.9	49.8	48.6	41.9
OIL	0.1	0.1	0.0	0.0	0.1
GAS	0.0	0.1	0.1	0.1	0.1
TOTAL	42.6	47.0	49.9	48.7	42.0
GENERATION (TWHRS)	4.1	4.5	4.7	4.6	4.1
HEAT RATE (BTU/KWHR)	10320	10420	10660	10590	10150
TOTAL CAPACITY (MW)	707.0	707.0	707.0	707.0	707.0
CAPACITY FACTOR	0.66	0.73	0.76	0.74	0.67
FUEL QUALITY:					
COAL SULFUR (%)	0.50	0.52	0.54	0.56	0.87
COAL HEAT (BTU/LB)	9619	9609	9649	9694	9669
COAL ASH (%)	5.32	6.73	7.56	5.38	6.14
OIL SULFUR (%)	0.16	0.30	0.30	0.30	0.30

DATA FOR THE 200 LARGEST SO2 EMITTERS (1976-1980)

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PLANT:  BOSWELL
1980 SO2 RANK  147
STATE: MINNESOTA
ORIS CODE  51880 1893

                          1976       1977       1978       1979       1980

SO2 EMISSIONS:
  TOTAL (1000 TONS)       26.3       29.8       30.1       25.0       32.0
  COAL (1000 TONS)        26.3       29.8       30.1       25.0       31.9
  OIL (1000 TONS)          0.0        0.0        0.0        0.0        0.1
  GAS (1000 TONS)          0.0        0.0        0.0        0.0        0.0

SCRUBBER OPERATING?         NO         NO         NO         NO        YES
SO2 REM. (1000 TONS)       0.0        0.0        0.0        0.0        8.4

SO2 EMISSIONS RANK         175        159        153        178        147

FUEL USED:
  COAL (1000 TONS)      1984.1     2063.0     1881.0     1691.7     2786.4
  OIL (1000 BBLS)          0.0        0.0        0.0        1.3       42.3
  GAS (1000 MCF)           0.0        0.0        0.0        0.0        0.0

FUEL HEAT VALUE (10**12 BTU):
  COAL                    33.9       34.8       32.1       29.5       48.7
  OIL                        .          .          .        0.0        0.3
  GAS                        .          .          .          .          .

  TOTAL                   33.9       34.8       32.1       29.5       48.9

GENERATION (TWHRS)         3.3        3.2        3.0        2.8        4.5

HEAT RATE (BTU/KWHR)     10270      10900      10710      10360      10840

TOTAL CAPACITY (MW)      514.0      514.0      514.0      514.0     1284.0

CAPACITY FACTOR           0.73       0.71       0.67       0.63       0.40

FUEL QUALITY:
  COAL SULFUR (%)         0.78       0.85       0.94       0.87       0.85
  COAL HEAT (BTU/LB)      8535       8432       8533       8720       8735
  COAL ASH (%)            9.16       9.29       9.19       9.01       8.78
  OIL SULFUR (%)             .          .          .       1.36       1.03
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DATA FOR THE 200 LARGEST SO2 EMITTERS (1976-1980)

PLANT: MCDONOUGH
1980 SO2 RANK 148
STATE: GEORGIA
ORIS CODE 51100 710

	1976	1977	1978	1979	1980
SO2 EMISSIONS:					
TOTAL (1000 TONS)	37.4	35.5	31.2	34.7	31.7
COAL (1000 TONS)	37.3	34.1	30.7	34.6	31.6
OIL (1000 TONS)	0.1	1.4	0.5	0.2	0.0
GAS (1000 TONS)	0.0	0.0	0.0	0.0	0.0
SCRUBBER OPERATING?	NO	NO	NO	NO	NO
SO2 REM. (1000 TONS)	0.0	0.0	0.0	0.0	0.0
SO2 EMISSIONS RANK	130	142	147	141	148
FUEL USED:					
COAL (1000 TONS)	1144.0	997.2	850.3	1027.5	845.5
OIL (1000 BBLS)	19.0	336.8	88.5	22.3	7.4
GAS (1000 MCF)	517.6	883.1	812.9	218.3	194.0
FUEL HEAT VALUE (10**12 BTU):					
COAL	27.2	23.6	20.2	24.4	20.1
OIL	0.1	2.1	0.5	0.1	0.0
GAS	0.5	0.9	0.8	0.2	0.2
TOTAL	27.8	26.6	21.6	24.8	20.4
GENERATION (TWHRS)	2.9	2.6	2.1	2.5	2.0
HEAT RATE (BTU/KWHR)	9610	10320	10130	10110	10320
TOTAL CAPACITY (MW)	598.0	682.0	682.0	682.0	682.0
CAPACITY FACTOR	0.55	0.43	0.36	0.41	0.33
FUEL QUALITY:					
COAL SULFUR (%)	1.72	1.80	1.90	1.77	1.97
COAL HEAT (BTU/LB)	11883	11855	11874	11883	11902
COAL ASH (%)	.	.	.	.	.
OIL SULFUR (%)	1.20	1.26	1.62	2.13	1.77

DATA FOR THE 200 LARGEST SO2 EMITTERS (1976-1980)

PLANT: POSTON
1980 SO2 RANK 149
STATE: OHIO
ORIS CODE 50633 2844

	1976	1977	1978	1979	1980
SO2 EMISSIONS:					
TOTAL (1000 TONS)	34.1	27.8	21.3	32.0	31.5
COAL (1000 TONS)	34.0	27.8	21.3	32.0	31.4
OIL (1000 TONS)	0.0	0.0	0.0	0.0	0.0
GAS (1000 TONS)	0.0	0.0	0.0	0.0	0.0
SCRUBBER OPERATING?	NO	NO	NO	NO	NO
SO2 REM. (1000 TONS)	0.0	0.0	0.0	0.0	0.0
SO2 EMISSIONS RANK	144	166	197	149	149
FUEL USED:					
COAL (1000 TONS)	513.4	444.3	309.1	431.0	457.1
OIL (1000 BBLS)	17.9	16.3	18.6	13.8	12.6
GAS (1000 MCF)	0.0	0.0	0.0	0.0	0.0
FUEL HEAT VALUE (10**12 BTU):					
COAL	11.4	9.9	7.0	9.6	10.6
OIL	0.1	0.1	0.1	0.1	0.1
GAS	.	.	.	.	.
TOTAL	11.5	10.0	7.1	9.7	10.6
GENERATION (TWHRS)	0.9	0.7	0.5	0.7	0.8
HEAT RATE (BTU/KWHR)	12920	13400	13580	13210	13240
TOTAL CAPACITY (MW)	246.0	246.0	246.0	240.0	240.0
CAPACITY FACTOR	0.41	0.35	0.24	0.35	0.38
FUEL QUALITY:					
COAL SULFUR (%)	3.49	3.29	3.63	3.91	3.62
COAL HEAT (BTU/LB)	11075	11118	11262	11123	11565
COAL ASH (%)	13.32	13.13	12.63	12.54	10.37
OIL SULFUR (%)	0.31	0.18	0.42	0.43	0.36

DATA FOR THE 200 LARGEST SO2 EMITTERS (1976-1980)

PLANT: CAPE CANAVERAL
1980 SO2 RANK 150
STATE: FLORIDA
ORIS CODE 51006 609

	1976	1977	1978	1979	1980
SO2 EMISSIONS:					
TOTAL (1000 TONS)	13.8	28.0	20.9	35.8	31.3
COAL (1000 TONS)	0.0	0.0	0.0	0.0	0.0
OIL (1000 TONS)	13.8	28.0	20.9	35.8	31.3
GAS (1000 TONS)	0.0	0.0	0.0	0.0	0.0
SCRUBBER OPERATING?	NO	NO	NO	NO	NO
SO2 REM. (1000 TONS)	0.0	0.0	0.0	0.0	0.0
SO2 EMISSIONS RANK	244	165	200	137	150
FUEL USED:					
COAL (1000 TONS)	0.0	0.0	0.0	0.0	0.0
OIL (1000 BBLS)	4163.6	3624.8	3358.2	4913.4	4265.2
GAS (1000 MCF)	20726.9	18688.2	21593.9	13214.4	18352.6
FUEL HEAT VALUE (10**12 BTU):					
COAL	.	.	.	.	.
OIL	25.7	22.6	21.0	30.8	26.9
GAS	20.7	18.7	21.6	13.2	18.4
TOTAL	46.4	41.3	42.6	44.0	45.2
GENERATION (TWHRS)	4.7	4.2	4.3	4.5	4.6
HEAT RATE (BTU/KWHR)	9830	9840	9880	9800	9880
TOTAL CAPACITY (MW)	804.0	804.0	804.0	804.0	804.0
CAPACITY FACTOR	0.67	0.60	0.61	0.64	0.65
FUEL QUALITY:					
COAL SULFUR (%)	.	.	.	.	.
COAL HEAT (BTU/LB)	.	.	.	.	.
COAL ASH (%)	.	.	.	.	.
OIL SULFUR (%)	0.99	2.31	1.86	2.18	2.20

DATA FOR THE 200 LARGEST SO2 EMITTERS (1976-1980)

PLANT: CHESTERFIELD
1980 SO2 RANK 151
STATE: VIRGINIA
ORIS CODE 53146 3797

	1976	1977	1978	1979	1980
SO2 EMISSIONS:					
TOTAL (1000 TONS)	51.0	44.8	40.4	36.4	31.2
COAL (1000 TONS)	26.8	19.8	15.7	19.0	27.3
OIL (1000 TONS)	24.2	24.9	24.7	17.5	3.9
GAS (1000 TONS)	0.0	0.0	0.0	0.0	0.0
SCRUBBER OPERATING?	NO	NO	NO	NO	NO
SO2 REM. (1000 TONS)	0.0	0.0	0.0	0.0	0.0
SO2 EMISSIONS RANK	104	121	122	133	151
FUEL USED:					
COAL (1000 TONS)	1468.7	975.5	699.1	959.1	1114.1
OIL (1000 BBLS)	3350.7	3524.2	3613.0	3488.1	1350.6
GAS (1000 MCF)	0.0	0.0	0.0	0.0	0.0
FUEL HEAT VALUE (10**12 BTU):					
COAL	36.8	24.3	17.5	24.2	28.5
OIL	20.9	22.0	22.6	21.8	8.4
GAS	.	.	.	.	.
TOTAL	57.7	46.3	40.1	46.1	36.9
GENERATION (TWHRS)	5.2	4.0	3.3	3.7	3.2
HEAT RATE (BTU/KWHR)	11090	11680	12050	12390	11560
TOTAL CAPACITY (MW)	1484.0	1484.0	1484.0	1484.0	1484.0
CAPACITY FACTOR	0.40	0.30	0.26	0.29	0.24
FUEL QUALITY:					
COAL SULFUR (%)	0.96	1.07	1.18	1.04	1.29
COAL HEAT (BTU/LB)	12520	12443	12494	12640	12772
COAL ASH (%)	8.93	9.79	9.50	8.84	8.35
OIL SULFUR (%)	2.16	2.12	2.05	1.50	0.85

DATA FOR THE 200 LARGEST SO2 EMITTERS (1976-1980)

PLANT: SANFORD
1980 SO2 RANK 152
STATE: FLORIDA
ORIS CODE 51006 620

	1976	1977	1978	1979	1980
SO2 EMISSIONS:					
TOTAL (1000 TONS)	20.4	18.1	24.5	24.9	31.1
COAL (1000 TONS)	0.0	0.0	0.0	0.0	0.0
OIL (1000 TONS)	20.4	18.1	24.5	24.9	31.1
GAS (1000 TONS)	0.0	0.0	0.0	0.0	0.0
SCRUBBER OPERATING?	NO	NO	NO	NO	NO
SO2 REM. (1000 TONS)	0.0	0.0	0.0	0.0	0.0
SO2 EMISSIONS RANK	203	224	182	180	152
FUEL USED:					
COAL (1000 TONS)	0.0	0.0	0.0	0.0	0.0
OIL (1000 BBLS)	6158.3	4831.3	5399.2	5207.4	4378.1
GAS (1000 MCF)	4812.1	2740.4	2593.4	4021.2	6962.9
FUEL HEAT VALUE (10**12 BTU):					
COAL	.	.	.	.	.
OIL	37.8	29.7	33.3	32.4	27.5
GAS	4.8	2.7	2.6	4.0	7.0
TOTAL	42.6	32.4	35.9	36.4	34.4
GENERATION (TWHRS)	4.2	3.2	3.6	3.6	3.3
HEAT RATE (BTU/KWHR)	10270	10190	9970	10030	10280
TOTAL CAPACITY (MW)	1028.0	1028.0	1028.0	1028.0	1028.0
CAPACITY FACTOR	0.46	0.35	0.40	0.40	0.37
FUEL QUALITY:					
COAL SULFUR (%)	.	.	.	.	.
COAL HEAT (BTU/LB)	.	.	.	.	.
COAL ASH (%)	.	.	.	.	.
OIL SULFUR (%)	0.99	1.12	1.36	1.43	2.13

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                DATA FOR THE 200 LARGEST SO2 EMITTERS (1976-1980)

     PLANT:  NELSON DEWEY
     1980 SO2 RANK  153
     STATE: WISCONSIN
     ORIS CODE  53332 4054

                                1976      1977      1978      1979      1980

     SO2 EMISSIONS:
       TOTAL (1000 TONS)        40.8      44.4      31.7      42.3      30.7
       COAL (1000 TONS)         40.8      44.4      31.7      42.3      30.7
       OIL (1000 TONS)           0.0       0.0       0.0       0.0       0.0
       GAS (1000 TONS)           0.0       0.0       0.0       0.0       0.0

     SCRUBBER OPERATING?          NO        NO        NO        NO        NO
     SO2 REM. (1000 TONS)        0.0       0.0       0.0       0.0       0.0

     SO2 EMISSIONS RANK          122       123       146       121       153

     FUEL USED:
       COAL (1000 TONS)        552.1     578.3     390.9     558.8     552.2
       OIL (1000 BBLS)           0.5       0.6       1.0       0.7       0.5
       GAS (1000 MCF)            0.0       0.0       0.0       0.0       0.0

     FUEL HEAT VALUE (10**12 BTU):
       COAL                     11.3      12.0       8.2      12.0      11.6
       OIL                       0.0       0.0       0.0       0.0       0.0
       GAS                        .         .         .         .         .

       TOTAL                    11.3      12.0       8.2      12.0      11.6

     GENERATION (TWHRS)          1.1       1.2       0.8       1.2       1.1

     HEAT RATE (BTU/KWHR)       9970     10150     10380     10110     10310

     TOTAL CAPACITY (MW)       227.0     227.0     227.0     227.0     227.0

     CAPACITY FACTOR            0.57      0.60      0.40      0.59      0.57

     FUEL QUALITY:
       COAL SULFUR (%)          3.89      4.04      4.27      3.98      2.93
       COAL HEAT (BTU/LB)      10275     10409     10427     10694     10523
       COAL ASH (%)             9.94      9.78     11.21      9.71      9.70
       OIL SULFUR (%)           0.40      0.37      0.35      0.48      0.43
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DATA FOR THE 200 LARGEST SO2 EMITTERS (1976-1980)

PLANT: CANADYS
1980 SO2 RANK 154
STATE: SOUTH CAROLINA
ORIS CODE 52692 3280

	1976	1977	1978	1979	1980
SO2 EMISSIONS:					
TOTAL (1000 TONS)	12.9	14.9	16.9	21.2	30.7
COAL (1000 TONS)	12.9	14.9	16.9	21.2	30.7
OIL (1000 TONS)	0.0	0.0	0.0	0.0	0.0
GAS (1000 TONS)	0.0	0.0	0.0	0.0	0.0
SCRUBBER OPERATING?	NO	NO	NO	NO	NO
SO2 REM. (1000 TONS)	0.0	0.0	0.0	0.0	0.0
SO2 EMISSIONS RANK	256	252	226	199	154
FUEL USED:					
COAL (1000 TONS)	445.3	577.4	607.6	778.5	984.3
OIL (1000 BBLS)	27.3	25.6	10.2	10.4	7.1
GAS (1000 MCF)	456.1	22.9	229.6	403.8	330.4
FUEL HEAT VALUE (10**12 BTU):					
COAL	11.0	13.8	14.8	19.5	25.0
OIL	0.2	0.1	0.1	0.1	0.0
GAS	0.5	0.0	0.2	0.4	0.3
TOTAL	11.6	14.0	15.1	20.0	25.4
GENERATION (TWHRS)	1.1	1.2	1.4	1.9	2.4
HEAT RATE (BTU/KWHR)	10670	11210	10730	10310	10470
TOTAL CAPACITY (MW)	506.0	506.0	506.0	506.0	506.0
CAPACITY FACTOR	0.24	0.28	0.32	0.44	0.55
FUEL QUALITY:					
COAL SULFUR (%)	1.52	1.36	1.46	1.43	1.64
COAL HEAT (BTU/LB)	12342	11939	12154	12528	12713
COAL ASH (%)	10.74	12.68	12.11	10.95	10.19
OIL SULFUR (%)	0.35	0.17	0.16	0.20	0.20

DATA FOR THE 200 LARGEST SO2 EMITTERS (1976-1980)

PLANT: MANATEE
1980 SO2 RANK 155
STATE: FLORIDA
ORIS CODE 51006 6042

	1976	1977	1978	1979	1980
SO2 EMISSIONS:					
TOTAL (1000 TONS)	2.6	14.0	29.0	35.0	29.8
COAL (1000 TONS)	0.0	0.0	0.0	0.0	0.0
OIL (1000 TONS)	2.6	14.0	29.0	35.0	29.8
GAS (1000 TONS)	0.0	0.0	0.0	0.0	0.0
SCRUBBER OPERATING?	NO	NO	NO	NO	NO
SO2 REM. (1000 TONS)	0.0	0.0	0.0	0.0	0.0
SO2 EMISSIONS RANK	432	259	162	140	155
FUEL USED:					
COAL (1000 TONS)	0.0	0.0	0.0	0.0	0.0
OIL (1000 BBLS)	1177.3	4940.5	8770.8	9125.2	9286.1
GAS (1000 MCF)	0.0	0.0	0.0	0.0	0.0
FUEL HEAT VALUE (10**12 BTU):					
COAL	.	.	.	.	.
OIL	7.2	30.4	54.1	57.0	58.3
GAS	.	.	.	.	.
TOTAL	7.2	30.4	54.1	57.0	58.3
GENERATION (TWHRS)	0.7	3.1	5.4	5.8	5.9
HEAT RATE (BTU/KWHR)	10130	9910	9940	9890	9910
TOTAL CAPACITY (MW)	863.0	1007.0	1727.0	1727.0	1727.0
CAPACITY FACTOR	0.09	0.35	0.36	0.38	0.39
FUEL QUALITY:					
COAL SULFUR (%)	.	.	.	.	.
COAL HEAT (BTU/LB)	.	.	.	.	.
COAL ASH (%)	.	.	.	.	.
OIL SULFUR (%)	0.67	0.85	0.99	1.15	0.96

DATA FOR THE 200 LARGEST SO2 EMITTERS (1976-1980)

PLANT: MERAMEC
1980 SO2 RANK 156
STATE: MISSOURI
ORIS CODE 52997 2104

	1976	1977	1978	1979	1980
SO2 EMISSIONS:					
TOTAL (1000 TONS)	98.6	58.1	35.3	30.7	29.3
COAL (1000 TONS)	98.6	58.1	35.2	30.7	29.2
OIL (1000 TONS)	0.1	0.0	0.0	0.0	0.0
GAS (1000 TONS)	0.0	0.0	0.0	0.0	0.0
SCRUBBER OPERATING?	NO	NO	NO	NO	NO
SO2 REM. (1000 TONS)	0.0	0.0	0.0	0.0	0.0
SO2 EMISSIONS RANK	55	93	134	154	156
FUEL USED:					
COAL (1000 TONS)	1942.6	1757.3	1460.0	1195.2	1165.2
OIL (1000 BBLS)	20.9	40.9	37.1	14.0	10.5
GAS (1000 MCF)	10.4	137.3	380.0	129.9	118.4
FUEL HEAT VALUE (10**12 BTU):					
COAL	44.4	40.9	36.0	30.1	29.4
OIL	0.1	0.2	0.2	0.1	0.0
GAS	0.0	0.1	0.4	0.1	0.1
TOTAL	44.5	41.2	36.6	30.3	29.5
GENERATION (TWHRS)	4.1	3.7	3.3	2.9	2.7
HEAT RATE (BTU/KWHR)	10750	11010	11170	10580	10960
TOTAL CAPACITY (MW)	982.0	982.0	982.0	982.0	982.0
CAPACITY FACTOR	0.48	0.44	0.38	0.33	0.31
FUEL QUALITY:					
COAL SULFUR (%)	2.67	1.74	1.27	1.35	1.32
COAL HEAT (BTU/LB)	11422	11630	12321	12574	12608
COAL ASH (%)	9.99	10.80	8.49	7.69	7.71
OIL SULFUR (%)	0.85	0.27	0.24	0.29	0.61

DATA FOR THE 200 LARGEST SO2 EMITTERS (1976-1980)

PLANT: MILLIKEN
1980 SO2 RANK 157
STATE: NEW YORK
ORIS CODE 52036 2535

	1976	1977	1978	1979	1980
SO2 EMISSIONS:					
TOTAL (1000 TONS)	29.9	31.1	29.4	25.5	28.9
COAL (1000 TONS)	29.9	31.0	29.4	25.5	28.9
OIL (1000 TONS)	0.0	0.0	0.0	0.0	0.0
GAS (1000 TONS)	0.0	0.0	0.0	0.0	0.0
SCRUBBER OPERATING?	NO	NO	NO	NO	NO
SO2 REM. (1000 TONS)	0.0	0.0	0.0	0.0	0.0
SO2 EMISSIONS RANK	160	154	156	174	157
FUEL USED:					
COAL (1000 TONS)	766.6	883.0	874.0	763.2	821.1
OIL (1000 BBLS)	7.1	5.8	7.5	5.6	3.0
GAS (1000 MCF)	0.0	0.0	0.0	0.0	0.0
FUEL HEAT VALUE (10**12 BTU):					
COAL	17.8	19.9	20.1	17.7	19.4
OIL	0.0	0.0	0.0	0.0	0.0
GAS	.	.	.	.	.
TOTAL	17.9	20.0	20.2	17.8	19.4
GENERATION (TWHRS)	1.9	2.1	2.1	1.9	2.0
HEAT RATE (BTU/KWHR)	9550	9560	9740	9590	9540
TOTAL CAPACITY (MW)	276.0	276.0	276.0	276.0	276.0
CAPACITY FACTOR	0.77	0.86	0.86	0.77	0.84
FUEL QUALITY:					
COAL SULFUR (%)	2.05	1.85	1.77	1.76	1.85
COAL HEAT (BTU/LB)	11617	11292	11501	11615	11816
COAL ASH (%)	16.64	18.34	16.56	16.63	15.25
OIL SULFUR (%)	1.06	1.12	1.11	1.28	1.26

DATA FOR THE 200 LARGEST SO2 EMITTERS (1976-1980)

PLANT: JOLIET
1980 SO2 RANK 158
STATE: ILLINOIS
ORIS CODE 50643 874

	1976	1977	1978	1979	1980
SO2 EMISSIONS:					
TOTAL (1000 TONS)	33.5	25.3	29.2	29.0	28.6
COAL (1000 TONS)	33.3	25.0	28.8	28.8	28.3
OIL (1000 TONS)	0.2	0.4	0.4	0.3	0.3
GAS (1000 TONS)	0.0	0.0	0.0	0.0	0.0
SCRUBBER OPERATING?	NO	NO	NO	NO	NO
SO2 REM. (1000 TONS)	0.0	0.0	0.0	0.0	0.0
SO2 EMISSIONS RANK	147	182	159	156	158
FUEL USED:					
COAL (1000 TONS)	2923.4	3261.6	3256.1	3384.4	3265.9
OIL (1000 BBLS)	284.1	481.9	601.2	384.5	98.7
GAS (1000 MCF)	9097.2	184.8	250.3	150.0	1371.3
FUEL HEAT VALUE (10**12 BTU):					
COAL	53.1	63.1	62.0	63.8	61.7
OIL	1.7	2.8	3.5	2.2	0.6
GAS	9.4	0.2	0.3	0.2	1.4
TOTAL	64.2	66.1	65.7	66.2	63.7
GENERATION (TWHRS)	5.5	5.7	5.9	6.1	5.9
HEAT RATE (BTU/KWHR)	11750	11660	11150	10820	10830
TOTAL CAPACITY (MW)	1945.0	1945.0	1847.0	1838.0	1838.0
CAPACITY FACTOR	0.32	0.33	0.36	0.38	0.36
FUEL QUALITY:					
COAL SULFUR (%)	0.67	0.45	0.52	0.50	0.51
COAL HEAT (BTU/LB)	9088	9676	9514	9431	9453
COAL ASH (%)	6.91	6.05	6.79	6.62	6.87
OIL SULFUR (%)	0.23	0.23	0.20	0.22	0.20

DATA FOR THE 200 LARGEST SO2 EMITTERS (1976-1980)

PLANT: POSSUM POINT
1980 SO2 RANK 159
STATE: VIRGINIA
ORIS CODE 53146 3804

	1976	1977	1978	1979	1980
SO2 EMISSIONS:					
TOTAL (1000 TONS)	38.1	39.6	40.8	37.7	28.6
COAL (1000 TONS)	0.0	0.0	0.0	0.0	0.6
OIL (1000 TONS)	38.1	39.6	40.8	37.7	28.0
GAS (1000 TONS)	0.0	0.0	0.0	0.0	0.0
SCRUBBER OPERATING?	NO	NO	NO	NO	NO
SO2 REM. (1000 TONS)	0.0	0.0	0.0	0.0	0.0
SO2 EMISSIONS RANK	127	134	121	127	159
FUEL USED:					
COAL (1000 TONS)	0.0	0.0	0.0	0.0	24.2
OIL (1000 BBLS)	8641.1	10047.4	9472.6	8955.9	6648.2
GAS (1000 MCF)	0.0	0.0	0.0	0.0	0.0
FUEL HEAT VALUE (10**12 BTU):					
COAL	.	.	.	.	0.6
OIL	53.3	62.0	58.8	55.8	41.4
GAS	.	.	.	.	.
TOTAL	53.3	62.0	58.8	55.8	42.0
GENERATION (TWHRS)	4.9	5.6	5.5	5.0	3.8
HEAT RATE (BTU/KWHR)	10840	11030	10790	11170	11180
TOTAL CAPACITY (MW)	1469.0	1469.0	1469.0	1469.0	1469.0
CAPACITY FACTOR	0.38	0.44	0.42	0.39	0.29
FUEL QUALITY:					
COAL SULFUR (%)	.	.	.	.	1.23
COAL HEAT (BTU/LB)	.	.	.	.	12789
COAL ASH (%)	.	.	.	.	9.24
OIL SULFUR (%)	1.32	1.18	1.29	1.26	1.27

DATA FOR THE 200 LARGEST SO2 EMITTERS (1976-1980)

PLANT: NORTHSIDE
1980 SO2 RANK 160
STATE: FLORIDA
ORIS CODE 51434 667

	1976	1977	1978	1979	1980
SO2 EMISSIONS:					
TOTAL (1000 TONS)	27.8	30.0	29.0	25.3	28.6
COAL (1000 TONS)	0.0	0.0	0.0	0.0	0.0
OIL (1000 TONS)	27.8	30.0	29.0	25.3	28.6
GAS (1000 TONS)	0.0	0.0	0.0	0.0	0.0
SCRUBBER OPERATING?	NO	NO	NO	NO	NO
SO2 REM. (1000 TONS)	0.0	0.0	0.0	0.0	0.0
SO2 EMISSIONS RANK	170	157	161	176	160
FUEL USED:					
COAL (1000 TONS)	0.0	0.0	0.0	0.0	0.0
OIL (1000 BBLS)	4308.4	5231.0	6432.7	5339.2	5175.5
GAS (1000 MCF)	0.0	0.0	0.0	0.0	0.0
FUEL HEAT VALUE (10**12 BTU):					
COAL	.	.	.	.	.
OIL	26.9	32.6	40.1	33.7	32.9
GAS	.	.	.	.	.
TOTAL	26.9	32.6	40.1	33.7	32.9
GENERATION (TWHRS)	2.6	3.0	3.8	3.2	3.1
HEAT RATE (BTU/KWHR)	10270	10960	10510	10680	10750
TOTAL CAPACITY (MW)	876.0	1206.0	1206.0	1440.0	1437.0
CAPACITY FACTOR	0.34	0.28	0.36	0.25	0.24
FUEL QUALITY:					
COAL SULFUR (%)	.	.	.	.	.
COAL HEAT (BTU/LB)	.	.	.	.	.
COAL ASH (%)	.	.	.	.	.
OIL SULFUR (%)	1.93	1.72	1.35	1.42	1.68

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                DATA FOR THE 200 LARGEST SO2 EMITTERS (1976-1980)


PLANT:  YORKTOWN
1980 SO2 RANK  161
STATE: VIRGINIA
ORIS CODE  53146 3809

                        1976      1977      1978      1979      1980


SO2 EMISSIONS:
  TOTAL (1000 TONS)     33.4      51.7      45.3      43.3      28.3
  COAL (1000 TONS)       0.0       0.0       0.0       0.0       0.0
  OIL (1000 TONS)       33.4      51.7      45.3      43.3      28.3
  GAS (1000 TONS)        0.0       0.0       0.0       0.0       0.0

SCRUBBER OPERATING?       NO        NO        NO        NO        NO
SO2 REM. (1000 TONS)     0.0       0.0       0.0       0.0       0.0

SO2 EMISSIONS RANK       149       109       111       118       161


FUEL USED:
  COAL (1000 TONS)       0.0       0.0       0.0       0.0       0.0
  OIL (1000 BBLS)     8065.0    9747.5    8703.7    8213.6    5182.2
  GAS (1000 MCF)       170.8     665.8     639.4    1244.3     954.9


FUEL HEAT VALUE (10**12 BTU):
  COAL                     .         .         .         .         .
  OIL                   49.9      60.6      54.7      51.9      32.8
  GAS                    0.2       0.9       0.8       1.5       1.2

  TOTAL                 50.1      61.5      55.5      53.4      33.9


GENERATION (TWHRS)       4.9       6.0       5.3       5.1       3.1


HEAT RATE (BTU/KWHR) 10130     10240     10400     10420     10790


TOTAL CAPACITY (MW) 1257.0    1257.0    1257.0    1257.0    1257.0


CAPACITY FACTOR         0.45      0.55      0.49      0.47      0.28


FUEL QUALITY:
  COAL SULFUR (%)        .         .         .         .         .
  COAL HEAT (BTU/LB)       .         .         .         .         .
  COAL ASH (%)           .         .         .         .         .
  OIL SULFUR (%)        1.24      1.59      1.56      1.58      1.64
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DATA FOR THE 200 LARGEST SO2 EMITTERS (1976-1980)

PLANT: INDIAN RIVER
1980 SO2 RANK 162
STATE: DELAWARE
ORIS CODE 50769 594

	1976	1977	1978	1979	1980
SO2 EMISSIONS:					
TOTAL (1000 TONS)	29.9	26.0	24.6	28.9	28.0
COAL (1000 TONS)	29.9	25.9	24.5	28.8	27.6
OIL (1000 TONS)	0.1	0.1	0.1	0.1	0.4
GAS (1000 TONS)	0.0	0.0	0.0	0.0	0.0
SCRUBBER OPERATING?	NO	NO	NO	NO	NO
SO2 REM. (1000 TONS)	0.0	0.0	0.0	0.0	0.0
SO2 EMISSIONS RANK	159	179	180	157	162
FUEL USED:					
COAL (1000 TONS)	782.7	702.7	777.8	887.3	941.6
OIL (1000 BBLS)	55.1	87.5	81.4	56.4	129.0
GAS (1000 MCF)	0.0	0.0	0.0	0.0	0.0
FUEL HEAT VALUE (10**12 BTU):					
COAL	19.5	17.0	19.1	21.9	23.5
OIL	0.3	0.5	0.5	0.3	0.7
GAS	.	.	.	.	.
TOTAL	19.8	17.5	19.5	22.3	24.2
GENERATION (TWHRS)	2.0	1.8	1.9	2.2	2.2
HEAT RATE (BTU/KWHR)	10100	9630	10430	10360	10870
TOTAL CAPACITY (MW)	359.0	359.0	359.0	359.0	359.0
CAPACITY FACTOR	0.62	0.58	0.60	0.68	0.71
FUEL QUALITY:					
COAL SULFUR (%)	2.01	1.94	1.66	1.71	1.54
COAL HEAT (BTU/LB)	12468	12088	12251	12366	12461
COAL ASH (%)	12.65	13.46	12.21	12.31	11.77
OIL SULFUR (%)	0.30	0.30	0.28	0.28	0.25

DATA FOR THE 200 LARGEST SO2 EMITTERS (1976-1980)

PLANT: ROCHESTER 7
1980 SO2 RANK 163
STATE: NEW YORK
ORIS CODE 52501 2642

	1976	1977	1978	1979	1980
SO2 EMISSIONS:					
TOTAL (1000 TONS)	21.1	27.0	25.9	25.0	27.7
COAL (1000 TONS)	21.1	27.0	25.8	24.9	27.7
OIL (1000 TONS)	0.0	0.0	0.0	0.1	0.0
GAS (1000 TONS)	0.0	0.0	0.0	0.0	0.0
SCRUBBER OPERATING?	NO	NO	NO	NO	NO
SO2 REM. (1000 TONS)	0.0	0.0	0.0	0.0	0.0
SO2 EMISSIONS RANK	199	170	175	179	163
FUEL USED:					
COAL (1000 TONS)	578.9	675.7	596.7	565.3	612.9
OIL (1000 BBLS)	7.8	8.5	12.9	15.5	6.6
GAS (1000 MCF)	0.0	0.0	0.0	0.0	0.0
FUEL HEAT VALUE (10**12 BTU):					
COAL	15.0	17.4	14.8	14.3	15.5
OIL	0.0	0.1	0.1	0.1	0.0
GAS	.	.	.	.	.
TOTAL	15.1	17.5	14.9	14.4	15.5
GENERATION (TWHRS)	1.4	1.7	1.4	1.3	1.4
HEAT RATE (BTU/KWHR)	10640	10470	10540	10670	10770
TOTAL CAPACITY (MW)	253.0	253.0	253.0	253.0	253.0
CAPACITY FACTOR	0.64	0.75	0.64	0.61	0.65
FUEL QUALITY:					
COAL SULFUR (%)	1.92	2.10	2.28	2.32	2.38
COAL HEAT (BTU/LB)	12981	12903	12423	12619	12615
COAL ASH (%)	9.00	9.68	10.72	9.99	10.26
OIL SULFUR (%)	0.03	1.12	1.11	1.28	1.26

DATA FOR THE 200 LARGEST SO2 EMITTERS (1976-1980)

PLANT: GREENE
1980 SO2 RANK 164
STATE: ALABAMA
ORIS CODE 50022 10

	1976	1977	1978	1979	1980
SO2 EMISSIONS:					
TOTAL (1000 TONS)	33.9	36.4	34.4	26.0	27.6
COAL (1000 TONS)	33.9	36.4	34.4	26.0	27.6
OIL (1000 TONS)	0.0	0.0	0.0	0.0	0.0
GAS (1000 TONS)	0.0	0.0	0.0	0.0	0.0
SCRUBBER OPERATING?	NO	NO	NO	NO	NO
SO2 REM. (1000 TONS)	0.0	0.0	0.0	0.0	0.0
SO2 EMISSIONS RANK	145	140	137	170	164
FUEL USED:					
COAL (1000 TONS)	882.6	1076.6	978.9	789.5	865.8
OIL (1000 BBLS)	0.0	0.0	0.0	0.0	12.2
GAS (1000 MCF)	0.0	0.0	0.0	0.0	0.0
FUEL HEAT VALUE (10**12 BTU):					
COAL	20.8	26.1	23.8	19.6	21.5
OIL	.	.	.	.	0.1
GAS	.	.	.	.	.
TOTAL	20.8	26.1	23.8	19.6	21.6
GENERATION (TWHRS)	2.0	2.4	2.3	1.7	2.0
HEAT RATE (BTU/KWHR)	10170	10690	10590	11240	10890
TOTAL CAPACITY (MW)	566.0	568.0	568.0	568.0	568.0
CAPACITY FACTOR	0.41	0.49	0.45	0.35	0.40
FUEL QUALITY:					
COAL SULFUR (%)	2.02	1.78	1.85	1.73	1.68
COAL HEAT (BTU/LB)	11789	12125	12182	12417	12436
COAL ASH (%)	13.78	12.11	12.46	10.72	12.07
OIL SULFUR (%)	.	.	.	.	0.25

DATA FOR THE 200 LARGEST SO2 EMITTERS (1976-1980)

PLANT: JOHNSTON
1980 SO2 RANK 165
STATE: WYOMING
ORIS CODE 52225 4158

	1976	1977	1978	1979	1980
SO2 EMISSIONS:					
TOTAL (1000 TONS)	21.4	23.8	26.0	27.5	27.3
COAL (1000 TONS)	21.4	23.7	25.9	27.4	27.3
OIL (1000 TONS)	0.0	0.0	0.0	0.0	0.1
GAS (1000 TONS)	0.0	0.0	0.0	0.0	0.0
SCRUBBER OPERATING?	NO	NO	NO	NO	NO
SO2 REM. (1000 TONS)	0.0	0.0	0.0	0.0	0.0
SO2 EMISSIONS RANK	197	188	174	163	165
FUEL USED:					
COAL (1000 TONS)	2791.0	3441.0	3391.2	3668.9	3485.3
OIL (1000 BBLS)	10.6	15.8	14.3	16.4	20.6
GAS (1000 MCF)	0.0	0.0	0.0	0.0	0.0
FUEL HEAT VALUE (10**12 BTU):					
COAL	42.3	51.4	52.4	56.7	53.9
OIL	0.1	0.1	0.1	0.1	0.1
GAS	.	.	.	.	.
TOTAL	42.4	51.5	52.5	56.8	54.0
GENERATION (TWHRS)	3.9	4.9	4.8	5.2	4.9
HEAT RATE (BTU/KWHR)	10880	10540	10830	10930	11010
TOTAL CAPACITY (MW)	750.0	750.0	750.0	750.0	750.0
CAPACITY FACTOR	0.59	0.74	0.74	0.79	0.74
FUEL QUALITY:					
COAL SULFUR (%)	0.45	0.46	0.45	0.44	0.46
COAL HEAT (BTU/LB)	7579	7462	7727	7733	7726
COAL ASH (%)	11.54	11.94	8.88	9.57	9.59
OIL SULFUR (%)	0.16	0.30	0.31	0.30	0.30

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                 DATA FOR THE 200 LARGEST SO2 EMITTERS (1976-1980)


PLANT:  VERMILION
1980 SO2 RANK  166
STATE: ILLINOIS
ORIS CODE  51385 897

                          1976        1977        1978        1979        1980


SO2 EMISSIONS:
  TOTAL (1000 TONS)       29.7        25.0        22.6        27.2        27.3
  COAL (1000 TONS)        29.7        25.0        22.6        27.2        27.3
  OIL (1000 TONS)          0.0         0.0         0.0         0.0         0.0
  GAS (1000 TONS)          0.0         0.0         0.0         0.0         0.0

SCRUBBER OPERATING?         NO          NO          NO          NO          NO
SO2 REM. (1000 TONS)       0.0         0.0         0.0         0.0         0.0

SO2 EMISSIONS RANK         162         184         191         164         166


FUEL USED:
  COAL (1000 TONS)       504.6       471.4       409.0       485.6       516.6
  OIL (1000 BBLS)          4.6        12.9         7.3         3.8         3.6
  GAS (1000 MCF)           0.0         0.0         0.0         0.0         0.0


FUEL HEAT VALUE (10**12 BTU):
  COAL                    10.8        10.2         8.8        10.3        11.1
  OIL                      0.0         0.1         0.0         0.0         0.0
  GAS                       .           .           .           .           .

  TOTAL                   10.9        10.2         8.9        10.4        11.1


GENERATION (TWHRS)         1.0         0.9         0.8         0.9         1.0


HEAT RATE (BTU/KWHR)     10960       11460       11830       11210       11060


TOTAL CAPACITY (MW)      197.0       197.0       197.0       197.0       197.0


CAPACITY FACTOR           0.57        0.52        0.44        0.54        0.58


FUEL QUALITY:
  COAL SULFUR (%)         3.10        2.79        2.91        2.95        2.78
  COAL HEAT (BTU/LB)     10739       10768       10816       10648       10739
  COAL ASH (%)           12.65       12.46       12.30       13.21       12.65
  OIL SULFUR (%)          0.16        0.12        0.53        0.60        0.66
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DATA FOR THE 200 LARGEST SO2 EMITTERS (1976-1980)

PLANT: JEFFERIES
1980 SO2 RANK 167
STATE: SOUTH CAROLINA
ORIS CODE 52693 3319

	1976	1977	1978	1979	1980
SO2 EMISSIONS:					
TOTAL (1000 TONS)	15.1	14.9	15.7	19.1	27.2
COAL (1000 TONS)	14.8	12.5	15.2	18.9	26.5
OIL (1000 TONS)	0.3	2.4	0.5	0.2	0.8
GAS (1000 TONS)	0.0	0.0	0.0	0.0	0.0
SCRUBBER OPERATING?	NO	NO	NO	NO	NO
SO2 REM. (1000 TONS)	0.0	0.0	0.0	0.0	0.0
SO2 EMISSIONS RANK	235	251	239	206	167
FUEL USED:					
COAL (1000 TONS)	687.5	489.0	654.5	621.6	741.1
OIL (1000 BBLS)	41.2	313.4	67.9	23.3	103.5
GAS (1000 MCF)	0.0	0.0	0.0	0.0	0.0
FUEL HEAT VALUE (10**12 BTU):					
COAL	16.6	11.0	14.9	15.0	18.1
OIL	0.3	2.0	0.4	0.1	0.6
GAS	.	.	.	.	.
TOTAL	16.8	13.0	15.3	15.2	18.8
GENERATION (TWHRS)	1.6	1.2	1.4	1.4	1.8
HEAT RATE (BTU/KWHR)	10240	10820	10700	11090	10670
TOTAL CAPACITY (MW)	446.0	446.0	446.0	446.0	446.0
CAPACITY FACTOR	0.42	0.31	0.37	0.35	0.45
FUEL QUALITY:					
COAL SULFUR (%)	1.13	1.35	1.22	1.60	1.88
COAL HEAT (BTU/LB)	12040	11297	11372	12097	12215
COAL ASH (%)	11.67	15.38	14.95	12.03	12.40
OIL SULFUR (%)	2.24	2.29	2.34	2.34	2.29

DATA FOR THE 200 LARGEST SO2 EMITTERS (1976-1980)

PLANT: BIG STONE
1980 SO2 RANK 168
STATE: SOUTH DAKOTA
ORIS CODE 52205 6098

	1976	1977	1978	1979	1980
SO2 EMISSIONS:					
TOTAL (1000 TONS)	26.4	26.2	29.6	25.6	26.8
COAL (1000 TONS)	26.4	26.2	29.6	25.6	26.7
OIL (1000 TONS)	0.0	0.0	0.0	0.0	0.1
GAS (1000 TONS)	0.0	0.0	0.0	0.0	0.0
SCRUBBER OPERATING?	NO	NO	NO	NO	NO
SO2 REM. (1000 TONS)	0.0	0.0	0.0	0.0	0.0
SO2 EMISSIONS RANK	174	178	154	173	168
FUEL USED:					
COAL (1000 TONS)	2258.8	2184.7	2530.8	2436.5	2469.5
OIL (1000 BBLS)	16.2	25.9	21.7	38.3	27.9
GAS (1000 MCF)	0.0	0.0	0.0	0.0	0.0
FUEL HEAT VALUE (10**12 BTU):					
COAL	27.8	26.8	30.8	30.0	30.4
OIL	0.1	0.2	0.1	0.2	0.2
GAS	.	.	.	.	.
TOTAL	27.9	26.9	30.9	30.2	30.5
GENERATION (TWHRS)	2.4	2.3	2.7	2.6	2.6
HEAT RATE (BTU/KWHR)	11770	11710	11660	11770	11700
TOTAL CAPACITY (MW)	440.0	440.0	440.0	440.0	440.0
CAPACITY FACTOR	0.61	0.60	0.69	0.67	0.68
FUEL QUALITY:					
COAL SULFUR (%)	0.78	0.80	0.78	0.70	0.72
COAL HEAT (BTU/LB)	6156	6122	6081	6152	6151
COAL ASH (%)	6.83	7.75	7.34	7.32	8.03
OIL SULFUR (%)	0.12	0.12	0.28	0.31	0.31

DATA FOR THE 200 LARGEST SO2 EMITTERS (1976-1980)

PLANT: YOUNG
1980 SO2 RANK 169
STATE: NORTH DAKOTA
ORIS CODE 51883 2823

	1976	1977	1978	1979	1980
SO2 EMISSIONS:					
TOTAL (1000 TONS)	16.6	23.3	28.4	32.0	26.4
COAL (1000 TONS)	16.6	23.3	28.3	31.9	26.3
OIL (1000 TONS)	0.0	0.0	0.0	0.0	0.2
GAS (1000 TONS)	0.0	0.0	0.0	0.0	0.0
SCRUBBER OPERATING?	NO	YES	YES	YES	YES
SO2 REM. (1000 TONS)	0.0	1.9	8.8	9.9	8.1
SO2 EMISSIONS RANK	222	189	164	150	169
FUEL USED:					
COAL (1000 TONS)	1581.8	2401.3	3533.2	4040.6	3697.2
OIL (1000 BBLS)	15.8	40.4	39.3	52.1	51.9
GAS (1000 MCF)	0.0	0.0	0.0	0.0	0.0
FUEL HEAT VALUE (10**12 BTU):					
COAL	20.3	31.2	46.6	54.3	49.1
OIL	0.1	0.2	0.2	0.3	0.3
GAS	.	.	.	.	.
TOTAL	20.4	31.4	46.8	54.6	49.4
GENERATION (TWHRS)	1.9	2.8	4.0	4.5	4.2
HEAT RATE (BTU/KWHR)	11010	11160	11690	12180	11750
TOTAL CAPACITY (MW)	235.0	528.0	673.0	673.0	673.0
CAPACITY FACTOR	0.90	0.61	0.68	0.76	0.71
FUEL QUALITY:					
COAL SULFUR (%)	0.70	0.70	0.70	0.69	0.62
COAL HEAT (BTU/LB)	6423	6494	6591	6722	6635
COAL ASH (%)	7.50	7.50	7.50	7.47	8.06
OIL SULFUR (%)	0.20	0.20	0.20	0.20	0.20

DATA FOR THE 200 LARGEST SO2 EMITTERS (1976-1980)

PLANT: KAHE
1980 SO2 RANK 170
STATE: HAWAII
ORIS CODE 51264 765

	1976	1977	1978	1979	1980
SO2 EMISSIONS:					
TOTAL (1000 TONS)	28.2	29.9	26.2	32.5	25.9
COAL (1000 TONS)	0.0	0.0	0.0	0.0	0.0
OIL (1000 TONS)	28.2	29.9	26.2	32.5	25.9
GAS (1000 TONS)	0.0	0.0	0.0	0.0	0.0
SCRUBBER OPERATING?	NO	NO	NO	NO	NO
SO2 REM. (1000 TONS)	0.0	0.0	0.0	0.0	0.0
SO2 EMISSIONS RANK	166	158	172	147	170
FUEL USED:					
COAL (1000 TONS)	0.0	0.0	0.0	0.0	0.0
OIL (1000 BBLS)	4825.3	4946.6	4961.0	5254.1	4692.5
GAS (1000 MCF)	0.0	0.0	0.0	0.0	0.0
FUEL HEAT VALUE (10**12 BTU):					
COAL	.	.	.	.	.
OIL	30.8	31.4	31.6	33.7	29.9
GAS	.	.	.	.	.
TOTAL	30.8	31.4	31.6	33.7	29.9
GENERATION (TWHRS)	3.1	3.2	3.2	3.4	3.0
HEAT RATE (BTU/KWHR)	10010	9920	9890	9850	9830
TOTAL CAPACITY (MW)	340.0	441.0	475.0	475.0	475.0
CAPACITY FACTOR	1.03	0.82	0.77	0.82	0.73
FUEL QUALITY:					
COAL SULFUR (%)	.	.	.	.	.
COAL HEAT (BTU/LB)	.	.	.	.	.
COAL ASH (%)	.	.	.	.	.
OIL SULFUR (%)	1.75	1.81	1.58	1.85	1.65

DATA FOR THE 200 LARGEST SO2 EMITTERS (1976-1980)

PLANT: ALBRIGHT
1980 SO2 RANK 171
STATE: WEST VIRGINIA
ORIS CODE 54017 3942

	1976	1977	1978	1979	1980
SO2 EMISSIONS:					
TOTAL (1000 TONS)	26.1	26.6	27.3	25.9	25.7
COAL (1000 TONS)	26.1	26.6	27.3	25.9	25.7
OIL (1000 TONS)	0.0	0.0	0.0	0.0	0.0
GAS (1000 TONS)	0.0	0.0	0.0	0.0	0.0
SCRUBBER OPERATING?	NO	NO	NO	NO	NO
SO2 REM. (1000 TONS)	0.0	0.0	0.0	0.0	0.0
SO2 EMISSIONS RANK	177	173	169	171	171
FUEL USED:					
COAL (1000 TONS)	838.3	908.5	897.5	846.4	776.4
OIL (1000 BBLS)	2.6	2.3	6.4	4.1	3.9
GAS (1000 MCF)	0.0	0.0	0.0	0.0	0.0
FUEL HEAT VALUE (10**12 BTU):					
COAL	20.7	22.2	21.4	20.6	18.9
OIL	0.0	0.0	0.0	0.0	0.0
GAS	.	.	.	.	.
TOTAL	20.7	22.2	21.5	20.6	18.9
GENERATION (TWHRS)	1.7	1.9	1.8	1.7	1.6
HEAT RATE (BTU/KWHR)	11840	11500	11740	12200	11790
TOTAL CAPACITY (MW)	278.0	278.0	278.0	278.0	278.0
CAPACITY FACTOR	0.72	0.79	0.75	0.69	0.66
FUEL QUALITY:					
COAL SULFUR (%)	1.64	1.54	1.60	1.61	1.74
COAL HEAT (BTU/LB)	12346	12204	11930	12142	12142
COAL ASH (%)	12.07	13.36	14.32	12.86	13.30
OIL SULFUR (%)	0.29	0.30	0.30	0.30	0.30

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            DATA FOR THE 200 LARGEST SO2 EMITTERS (1976-1980)


PLANT:  PORT JEFFERSON
1980 SO2 RANK  172
STATE: NEW YORK
ORIS CODE  51685 2517
                          1976      1977      1978      1979      1980


SO2 EMISSIONS:
  TOTAL (1000 TONS)       32.0      34.5      32.4      30.2      25.6
  COAL (1000 TONS)         0.0       0.0       0.0       0.0       0.0
  OIL (1000 TONS)         32.0      34.5      32.4      30.2      25.6
  GAS (1000 TONS)          0.0       0.0       0.0       0.0       0.0

SCRUBBER OPERATING?         NO        NO        NO        NO        NO
SO2 REM. (1000 TONS)       0.0       0.0       0.0       0.0       0.0

SO2 EMISSIONS RANK         151       147       142       155       172


FUEL USED:
  COAL (1000 TONS)         0.0       0.0       0.0       0.0       0.0
  OIL (1000 BBLS)       4188.1    4324.0    3954.6    3782.0    3261.6
  GAS (1000 MCF)           0.0       0.0       0.0       0.0       0.0


FUEL HEAT VALUE (10**12 BTU):
  COAL                       .         .         .         .         .
  OIL                     26.3      27.3      25.0      23.8      20.6
  GAS                        .         .         .         .         .

  TOTAL                   26.3      27.3      25.0      23.8      20.6


GENERATION (TWHRS)         2.5       2.6       2.4       2.3       2.0


HEAT RATE (BTU/KWHR)     10360     10400     10360     10360     10550


TOTAL CAPACITY (MW)      483.0     483.0     483.0     483.0     483.0


CAPACITY FACTOR           0.60      0.62      0.57      0.54      0.46


FUEL QUALITY:
  COAL SULFUR (%)            .         .         .         .         .
  COAL HEAT (BTU/LB)           .         .         .         .         .
  COAL ASH (%)               .         .         .         .         .
  OIL SULFUR (%)          2.29      2.39      2.45      2.39      2.35
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DATA FOR THE 200 LARGEST SO2 EMITTERS (1976-1980)

PLANT: MYSTIC
1980 SO2 RANK 173
STATE: MASSACHUSETTS
ORIS CODE 50300 1588

	1976	1977	1978	1979	1980
SO2 EMISSIONS:					
TOTAL (1000 TONS)	18.7	21.2	21.4	21.0	25.6
COAL (1000 TONS)	0.0	0.0	0.0	0.0	0.0
OIL (1000 TONS)	18.7	21.2	21.4	21.0	25.6
GAS (1000 TONS)	0.0	0.0	0.0	0.0	0.0
SCRUBBER OPERATING?	NO	NO	NO	NO	NO
SO2 REM. (1000 TONS)	0.0	0.0	0.0	0.0	0.0
SO2 EMISSIONS RANK	212	204	196	200	173
FUEL USED:					
COAL (1000 TONS)	0.0	0.0	0.0	0.0	0.0
OIL (1000 BBLS)	6281.6	6692.2	6888.4	6842.7	8054.5
GAS (1000 MCF)	0.0	0.0	0.0	0.0	0.0
FUEL HEAT VALUE (10**12 BTU):					
COAL	.	.	.	.	.
OIL	38.5	41.2	42.5	42.6	50.5
GAS	.	.	.	.	.
TOTAL	38.5	41.2	42.5	42.6	50.5
GENERATION (TWHRS)	3.7	4.0	4.2	4.1	4.9
HEAT RATE (BTU/KWHR)	10350	10210	10230	10330	10260
TOTAL CAPACITY (MW)	1100.0	1100.0	1100.0	1100.0	1100.0
CAPACITY FACTOR	0.38	0.42	0.43	0.43	0.51
FUEL QUALITY:					
COAL SULFUR (%)	.	.	.	.	.
COAL HEAT (BTU/LB)	.	.	.	.	.
COAL ASH (%)	.	.	.	.	.
OIL SULFUR (%)	0.89	0.95	0.93	0.92	0.95

DATA FOR THE 200 LARGEST SO2 EMITTERS (1976-1980)

PLANT: QUINDARO
1980 SO2 RANK 174
STATE: KANSAS
ORIS CODE 51476 1295

	1976	1977	1978	1979	1980
SO2 EMISSIONS:					
TOTAL (1000 TONS)	28.1	19.2	18.5	23.6	25.4
COAL (1000 TONS)	28.0	19.2	18.3	23.4	25.3
OIL (1000 TONS)	0.0	0.1	0.2	0.2	0.2
GAS (1000 TONS)	0.0	0.0	0.0	0.0	0.0
SCRUBBER OPERATING?	NO	NO	NO	NO	NO
SO2 REM. (1000 TONS)	0.0	0.0	0.0	0.0	0.0
SO2 EMISSIONS RANK	167	214	218	186	174
FUEL USED:					
COAL (1000 TONS)	407.1	314.1	322.6	384.8	418.1
OIL (1000 BBLS)	29.8	50.9	102.5	111.7	53.9
GAS (1000 MCF)	5051.1	6534.4	6468.0	4409.5	4260.8
FUEL HEAT VALUE (10**12 BTU):					
COAL	10.0	7.8	7.9	9.4	10.2
OIL	0.2	0.3	0.6	0.6	0.3
GAS	4.7	6.2	6.1	4.2	4.3
TOTAL	14.9	14.3	14.7	14.3	14.8
GENERATION (TWHRS)	1.3	1.3	1.3	1.2	1.3
HEAT RATE (BTU/KWHR)	11400	11090	11360	11640	11210
TOTAL CAPACITY (MW)	416.0	449.0	481.0	481.0	481.0
CAPACITY FACTOR	0.36	0.33	0.31	0.29	0.31
FUEL QUALITY:					
COAL SULFUR (%)	3.62	3.21	2.99	3.20	3.18
COAL HEAT (BTU/LB)	12310	12493	12278	12253	12211
COAL ASH (%)	11.45	10.73	11.07	10.89	11.13
OIL SULFUR (%)	0.50	0.43	0.50	0.50	0.50

DATA FOR THE 200 LARGEST SO2 EMITTERS (1976-1980)

PLANT: GREENIDGE
1980 SO2 RANK 175
STATE: NEW YORK
URIS CODE 52036 2527

	1976	1977	1978	1979	1980
SO2 EMISSIONS:					
TOTAL (1000 TONS)	11.5	22.1	18.8	21.3	24.9
COAL (1000 TONS)	11.2	21.8	18.6	21.2	24.8
OIL (1000 TONS)	0.3	0.3	0.2	0.1	0.1
GAS (1000 TONS)	0.0	0.0	0.0	0.0	0.0
SCRUBBER OPERATING?	NO	NO	NO	NO	NO
SO2 REM. (1000 TONS)	0.0	0.0	0.0	0.0	0.0
SO2 EMISSIONS RANK	272	199	211	198	175
FUEL USED:					
COAL (1000 TONS)	425.7	594.6	528.4	552.6	624.3
OIL (1000 BBLS)	90.3	69.7	64.5	29.3	18.5
GAS (1000 MCF)	0.0	0.0	0.0	0.0	0.0
FUEL HEAT VALUE (10**12 BTU):					
COAL	9.6	13.6	12.0	13.1	14.9
OIL	0.6	0.4	0.4	0.2	0.1
GAS	.	.	.	.	.
TOTAL	10.1	14.0	12.4	13.3	15.1
GENERATION (TWHRS)	0.8	1.2	1.1	1.1	1.3
HEAT RATE (BTU/KWHR)	12350	11910	11690	11740	11760
TOTAL CAPACITY (MW)	160.0	160.0	160.0	162.0	179.0
CAPACITY FACTOR	0.58	0.84	0.76	0.80	0.81
FUEL QUALITY:					
COAL SULFUR (%)	1.38	1.93	1.85	2.02	2.09
COAL HEAT (BTU/LB)	11252	11404	11375	11845	11971
COAL ASH (%)	19.40	17.22	17.80	14.74	14.88
OIL SULFUR (%)	1.06	1.12	1.11	1.28	1.26

DATA FOR THE 200 LARGEST SO2 EMITTERS (1976-1980)

PLANT: POWERTON
1980 SO2 RANK 176
STATE: ILLINOIS
ORIS CODE 50643 879

	1976	1977	1978	1979	1980
SO2 EMISSIONS:					
TOTAL (1000 TONS)	292.8	239.9	221.4	45.8	24.8
COAL (1000 TONS)	292.8	239.9	221.4	45.7	24.8
OIL (1000 TONS)	0.0	0.0	0.0	0.0	0.0
GAS (1000 TONS)	0.0	0.0	0.0	0.0	0.0
SCRUBBER OPERATING?	NO	NO	NO	NO	NO
SO2 REM. (1000 TONS)	0.0	0.0	0.0	0.0	0.0
SO2 EMISSIONS RANK	7	11	10	110	176
FUEL USED:					
COAL (1000 TONS)	4341.3	3459.6	3884.1	3241.1	2751.3
OIL (1000 BBLS)	3.7	24.8	45.6	40.2	7.2
GAS (1000 MCF)	163.5	114.4	116.6	126.0	299.8
FUEL HEAT VALUE (10**12 BTU):					
COAL	90.7	72.9	80.2	62.3	53.4
OIL	0.0	0.1	0.3	0.2	0.0
GAS	0.2	0.1	0.1	0.1	0.3
TOTAL	90.9	73.1	80.6	62.6	53.7
GENERATION (TWHRS)	8.6	6.5	7.0	5.7	4.9
HEAT RATE (BTU/KWHR)	10540	11290	11570	11060	10880
TOTAL CAPACITY (MW)	1266.0	1786.0	1786.0	1786.0	1786.0
CAPACITY FACTOR	0.78	0.41	0.45	0.36	0.31
FUEL QUALITY:					
COAL SULFUR (%)	3.55	3.65	3.00	0.83	0.53
COAL HEAT (BTU/LB)	10445	10530	10322	9608	9702
COAL ASH (%)	11.20	10.99	10.23	6.19	7.67
OIL SULFUR (%)	0.24	0.27	0.24	0.26	0.24

DATA FOR THE 200 LARGEST SO2 EMITTERS (1976-1980)

PLANT: SUTHERLAND
1980 SO2 RANK 177
STATE: IOWA
ORIS CODE 51405 1077

	1976	1977	1978	1979	1980
SO2 EMISSIONS:					
TOTAL (1000 TONS)	12.1	13.8	28.2	24.7	24.7
COAL (1000 TONS)	12.1	13.8	28.2	24.7	24.7
OIL (1000 TONS)	0.0	0.0	0.0	0.0	0.0
GAS (1000 TONS)	0.0	0.0	0.0	0.0	0.0
SCRUBBER OPERATING?	NO	NO	NO	NO	NO
SO2 REM. (1000 TONS)	0.0	0.0	0.0	0.0	0.0
SO2 EMISSIONS RANK	266	263	165	181	177
FUEL USED:					
COAL (1000 TONS)	267.7	373.2	484.8	363.2	335.3
OIL (1000 BBLS)	0.0	0.4	0.0	0.0	0.0
GAS (1000 MCF)	3419.8	1959.9	208.8	160.5	132.0
FUEL HEAT VALUE (10**12 BTU):					
COAL	5.6	7.7	10.0	7.2	7.0
OIL	.	0.0	.	.	.
GAS	3.4	1.9	0.2	0.2	0.1
TOTAL	9.0	9.7	10.2	7.3	7.1
GENERATION (TWHRS)	0.8	0.8	0.8	0.6	0.6
HEAT RATE (BTU/KWHR)	11560	12000	13170	11620	12180
TOTAL CAPACITY (MW)	157.0	157.0	157.0	157.0	157.0
CAPACITY FACTOR	0.56	0.59	0.56	0.46	0.42
FUEL QUALITY:					
COAL SULFUR (%)	2.38	1.94	3.06	4.00	3.88
COAL HEAT (BTU/LB)	10422	10375	10300	9869	10439
COAL ASH (%)	10.14	10.05	11.78	15.18	12.26
OIL SULFUR (%)	.	0.36	.	.	.

DATA FOR THE 200 LARGEST SO2 EMITTERS (1976-1980)

PLANT: MITCHELL
1980 SO2 RANK 178
STATE: PENNSYLVANIA
ORIS CODE 54030 3181

	1976	1977	1978	1979	1980
SO2 EMISSIONS:					
TOTAL (1000 TONS)	41.5	35.7	10.4	31.8	24.6
COAL (1000 TONS)	41.4	35.0	8.6	31.2	24.4
OIL (1000 TONS)	0.1	0.7	1.9	0.5	0.2
GAS (1000 TONS)	0.0	0.0	0.0	0.0	0.0
SCRUBBER OPERATING?	NO	NO	NO	NO	NO
SO2 REM. (1000 TONS)	0.0	0.0	0.0	0.0	0.0
SO2 EMISSIONS RANK	120	141	285	151	178
FUEL USED:					
COAL (1000 TONS)	762.0	668.2	169.4	806.2	701.7
OIL (1000 BBLS)	139.3	505.2	964.4	294.7	161.2
GAS (1000 MCF)	26.1	11.7	9.0	30.8	113.7
FUEL HEAT VALUE (10**12 BTU):					
COAL	18.6	16.4	4.2	21.1	18.5
OIL	0.9	3.1	6.0	1.8	1.0
GAS	0.0	0.0	0.0	0.0	0.1
TOTAL	19.5	19.6	10.2	23.0	19.6
GENERATION (TWHRS)	2.0	1.9	0.9	2.3	2.0
HEAT RATE (BTU/KWHR)	9940	10250	12030	10090	9870
TOTAL CAPACITY (MW)	449.0	449.0	449.0	449.0	449.0
CAPACITY FACTOR	0.50	0.49	0.22	0.58	0.50
FUEL QUALITY:					
COAL SULFUR (%)	2.86	2.76	2.66	2.04	1.83
COAL HEAT (BTU/LB)	12225	12279	12365	13093	13192
COAL ASH (%)	13.25	12.51	11.68	7.12	6.63
OIL SULFUR (%)	0.30	0.42	0.58	0.53	0.45

DATA FOR THE 200 LARGEST SO2 EMITTERS (1976-1980)

PLANT: NILES
1980 SO2 RANK 179
STATE: OHIO
ORIS CODE 52154 2861

	1976	1977	1978	1979	1980
SO2 EMISSIONS:					
TOTAL (1000 TONS)	32.9	28.1	38.4	34.1	24.5
COAL (1000 TONS)	32.8	28.0	38.3	34.0	24.5
OIL (1000 TONS)	0.1	0.1	0.1	0.1	0.1
GAS (1000 TONS)	0.0	0.0	0.0	0.0	0.0
SCRUBBER OPERATING?	NO	NO	NO	NO	NO
SO2 REM. (1000 TONS)	0.0	0.0	0.0	0.0	0.0
SO2 EMISSIONS RANK	150	163	127	143	179
FUEL USED:					
COAL (1000 TONS)	565.5	472.6	619.4	573.5	497.1
OIL (1000 BBLS)	53.2	98.2	132.8	58.7	19.3
GAS (1000 MCF)	0.0	0.0	0.0	0.0	0.0
FUEL HEAT VALUE (10**12 BTU):					
COAL	13.4	11.2	14.6	13.9	12.1
OIL	0.3	0.6	0.8	0.3	0.1
GAS	.	.	.	.	.
TOTAL	13.7	11.8	15.4	14.2	12.2
GENERATION (TWHRS)	1.3	1.0	1.3	1.3	1.1
HEAT RATE (BTU/KWHR)	10760	11310	11470	11260	11030
TOTAL CAPACITY (MW)	285.0	285.0	285.0	285.0	285.0
CAPACITY FACTOR	0.51	0.42	0.54	0.51	0.44
FUEL QUALITY:					
COAL SULFUR (%)	3.05	3.12	3.25	3.12	2.59
COAL HEAT (BTU/LB)	11870	11848	11804	12103	12172
COAL ASH (%)	11.71	12.60	12.50	11.09	9.72
OIL SULFUR (%)	0.56	0.37	0.25	0.33	0.44

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              DATA FOR THE 200 LARGEST SO2 EMITTERS (1976-1980)


PLANT:  ROLLIN SCHAHFER
1980 SO2 RANK  180
STATE: INDIANA
ORIS CODE  52101 6085

                          1976       1977       1978       1979       1980


SO2 EMISSIONS:
  TOTAL (1000 TONS)        0.4        9.9       18.7       16.6       24.4
  COAL (1000 TONS)         0.4        9.8       18.7       16.4       23.6
  OIL (1000 TONS)          0.0        0.0        0.0        0.2        0.8
  GAS (1000 TONS)          0.0        0.0        0.0        0.0        0.0

SCRUBBER OPERATING?         NO         NO         NO         NO         NO
SO2 REM. (1000 TONS)       0.0        0.0        0.0        0.0        0.0

SO2 EMISSIONS RANK         601        300        212        229        180


FUEL USED:
  COAL (1000 TONS)        43.4      877.5      785.5      854.6     1908.6
  OIL (1000 BBLS)          3.4       28.7       32.2      176.3      248.4
  GAS (1000 MCF)           0.0        0.0        0.0        0.0        0.0


FUEL HEAT VALUE (10**12 BTU):
  COAL                     0.9       17.8       16.5       18.2       40.9
  OIL                      0.0        0.2        0.2        1.0        1.5
  GAS                       .          .          .          .          .

  TOTAL                    0.9       17.9       16.7       19.2       42.4


GENERATION (TWHRS)         0.1        1.5        1.5        1.6        3.4


HEAT RATE (BTU/KWHR)     17020      11870      11140      12400      12630


TOTAL CAPACITY (MW)      521.0      521.0      521.0      769.0     1468.0


CAPACITY FACTOR           0.01       0.33       0.33       0.23       0.26


FUEL QUALITY:
  COAL SULFUR (%)         0.53       0.59       1.25       1.01       0.65
  COAL HEAT (BTU/LB)     10035      10121      10533      10635      10727
  COAL ASH (%)           11.80      10.69      12.19      11.17       9.25
  OIL SULFUR (%)          0.31       0.27       0.37       0.26       0.28
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DATA FOR THE 200 LARGEST SO2 EMITTERS (1976-1980)

PLANT: SEWARD
1980 SO2 RANK 181
STATE: PENNSYLVANIA
ORIS CODE 54025 3130

	1976	1977	1978	1979	1980
SO2 EMISSIONS:					
TOTAL (1000 TONS)	25.1	17.0	23.8	25.4	24.4
COAL (1000 TONS)	25.1	17.0	23.8	25.4	24.2
OIL (1000 TONS)	0.0	0.0	0.0	0.0	0.1
GAS (1000 TONS)	0.0	0.0	0.0	0.0	0.0
SCRUBBER OPERATING?	NO	NO	NO	NO	NO
SO2 REM. (1000 TONS)	0.0	0.0	0.0	0.0	0.0
SO2 EMISSIONS RANK	163	232	185	175	181
FUEL USED:					
COAL (1000 TONS)	545.8	373.7	522.5	575.4	540.3
OIL (1000 BBLS)	0.0	0.0	0.0	7.1	43.8
GAS (1000 MCF)	0.0	0.0	0.0	0.0	0.0
FUEL HEAT VALUE (10**12 BTU):					
COAL	13.4	9.1	12.8	14.2	13.4
OIL	.	.	.	0.0	0.3
GAS	.	.	.	.	.
TOTAL	13.4	9.1	12.8	14.2	13.7
GENERATION (TWHRS)	1.2	0.8	1.2	1.3	1.2
HEAT RATE (BTU/KWHR)	11330	11260	10920	11010	11630
TOTAL CAPACITY (MW)	268.0	280.0	280.0	280.0	280.0
CAPACITY FACTOR	0.50	0.33	0.48	0.53	0.48
FUEL QUALITY:					
COAL SULFUR (%)	2.42	2.40	2.40	2.32	2.36
COAL HEAT (BTU/LB)	12293	12176	12276	12310	12419
COAL ASH (%)	14.78	16.02	15.04	14.91	14.17
OIL SULFUR (%)	.	.	.	0.26	0.16

DATA FOR THE 200 LARGEST SO2 EMITTERS (1976-1980)

PLANT: TORONTO
1980 SO2 RANK 182
STATE: OHIO
ORIS CODE 52154 2867

	1976	1977	1978	1979	1980
SO2 EMISSIONS:					
TOTAL (1000 TONS)	28.3	30.7	25.5	32.7	24.0
COAL (1000 TONS)	28.3	30.7	25.5	32.7	24.0
OIL (1000 TONS)	0.0	0.0	0.0	0.0	0.0
GAS (1000 TONS)	0.0	0.0	0.0	0.0	0.0
SCRUBBER OPERATING?	NO	NO	NO	NO	NO
SO2 REM. (1000 TONS)	0.0	0.0	0.0	0.0	0.0
SO2 EMISSIONS RANK	165	156	178	146	182
FUEL USED:					
COAL (1000 TONS)	502.3	542.6	443.2	534.1	409.6
OIL (1000 BBLS)	1.4	1.5	3.0	1.6	3.0
GAS (1000 MCF)	0.0	0.0	0.0	0.0	0.0
FUEL HEAT VALUE (10**12 BTU):					
COAL	11.9	12.7	10.3	12.9	10.0
OIL	0.0	0.0	0.0	0.0	0.0
GAS	.	.	.	.	.
TOTAL	11.9	12.7	10.3	12.9	10.0
GENERATION (TWHRS)	0.8	0.9	0.7	0.9	0.7
HEAT RATE (BTU/KWHR)	14010	14120	15090	14210	13860
TOTAL CAPACITY (MW)	176.0	176.0	176.0	176.0	176.0
CAPACITY FACTOR	0.55	0.59	0.44	0.59	0.47
FUEL QUALITY:					
COAL SULFUR (%)	2.96	2.98	3.03	3.22	3.08
COAL HEAT (BTU/LB)	11831	11737	11567	12082	12162
COAL ASH (%)	12.85	13.65	14.99	12.61	11.01
OIL SULFUR (%)	0.33	0.35	0.28	0.55	0.53

DATA FOR THE 200 LARGEST SO2 EMITTERS (1976-1980)

PLANT: ALBANY
1980 SO2 RANK 183
STATE: NEW YORK
ORIS CODE 52053 2539

	1976	1977	1978	1979	1980
SO2 EMISSIONS:					
TOTAL (1000 TONS)	27.1	21.8	24.7	21.9	23.7
COAL (1000 TONS)	0.0	0.0	0.0	0.0	0.0
OIL (1000 TONS)	27.1	21.8	24.7	21.9	23.7
GAS (1000 TONS)	0.0	0.0	0.0	0.0	0.0
SCRUBBER OPERATING?	NO	NO	NO	NO	NO
SO2 REM. (1000 TONS)	0.0	0.0	0.0	0.0	0.0
SO2 EMISSIONS RANK	171	202	179	195	183
FUEL USED:					
COAL (1000 TONS)	0.0	0.0	0.0	0.0	0.0
OIL (1000 BBLS)	3550.3	3290.4	3700.8	3275.9	3526.7
GAS (1000 MCF)	0.0	0.0	0.0	177.9	982.3
FUEL HEAT VALUE (10**12 BTU):					
COAL	.	.	.	.	.
OIL	22.2	20.5	23.0	20.4	22.0
GAS	.	.	.	0.2	1.0
TOTAL	22.2	20.5	23.0	20.6	23.0
GENERATION (TWHRS)	2.2	2.0	2.3	2.0	2.2
HEAT RATE (BTU/KWHR)	10270	10270	10170	10270	10440
TOTAL CAPACITY (MW)	581.0	562.0	556.0	556.0	556.0
CAPACITY FACTOR	0.42	0.40	0.47	0.41	0.45
FUEL QUALITY:					
COAL SULFUR (%)	.	.	.	.	.
COAL HEAT (BTU/LB)	.	.	.	.	.
COAL ASH (%)	.	.	.	.	.
OIL SULFUR (%)	2.29	1.98	2.00	2.00	2.02

DATA FOR THE 200 LARGEST SO2 EMITTERS (1976-1980)

PLANT: BARTOW
1980 SO2 RANK 184
STATE: FLORIDA
ORIS CODE 51007 634

	1976	1977	1978	1979	1980
SO2 EMISSIONS:					
TOTAL (1000 TONS)	26.2	20.6	23.8	24.1	23.5
COAL (1000 TONS)	0.0	0.0	0.0	0.0	0.0
OIL (1000 TONS)	26.2	20.6	23.8	24.1	23.5
GAS (1000 TONS)	0.0	0.0	0.0	0.0	0.0
SCRUBBER OPERATING?	NO	NO	NO	NO	NO
SO2 REM. (1000 TONS)	0.0	0.0	0.0	0.0	0.0
SO2 EMISSIONS RANK	176	207	186	182	184
FUEL USED:					
COAL (1000 TONS)	0.0	0.0	0.0	0.0	0.0
OIL (1000 BBLS)	3599.5	2961.7	3769.7	3623.1	3704.8
GAS (1000 MCF)	7477.7	8114.8	7249.0	3146.8	106.8
FUEL HEAT VALUE (10**12 BTU):					
COAL	.	.	.	.	.
OIL	22.5	18.4	23.4	22.6	23.2
GAS	7.6	8.3	7.4	3.2	0.1
TOTAL	30.1	26.7	30.8	25.8	23.3
GENERATION (TWHRS)	3.0	2.6	3.0	2.5	2.3
HEAT RATE (BTU/KWHR)	10170	10280	10280	10390	10260
TOTAL CAPACITY (MW)	717.0	717.0	717.0	717.0	717.0
CAPACITY FACTOR	0.47	0.41	0.48	0.40	0.36
FUEL QUALITY:					
COAL SULFUR (%)	.	.	.	.	.
COAL HEAT (BTU/LB)	.	.	.	.	.
COAL ASH (%)	.	.	.	.	.
OIL SULFUR (%)	2.18	2.08	1.89	1.99	1.99

DATA FOR THE 200 LARGEST SO2 EMITTERS (1976-1980)

PLANT: MERCER
1980 SO2 RANK 185
STATE: NEW JERSEY
ORIS CODE 52414 2408

	1976	1977	1978	1979	1980
SO2 EMISSIONS:					
TOTAL (1000 TONS)	20.3	21.9	19.4	20.2	23.4
COAL (1000 TONS)	20.3	21.9	19.4	20.2	23.3
OIL (1000 TONS)	0.0	0.0	0.0	0.0	0.0
GAS (1000 TONS)	0.0	0.0	0.0	0.0	0.0
SCRUBBER OPERATING?	NO	NO	NO	NO	NO
SO2 REM. (1000 TONS)	0.0	0.0	0.0	0.0	0.0
SO2 EMISSIONS RANK	204	200	204	202	185
FUEL USED:					
COAL (1000 TONS)	855.0	935.9	830.3	837.1	1005.4
OIL (1000 BBLS)	6.8	44.4	10.9	6.3	13.9
GAS (1000 MCF)	2961.2	1499.2	450.2	1454.3	1751.2
FUEL HEAT VALUE (10**12 BTU):					
COAL	22.7	25.0	22.1	22.4	26.9
OIL	0.0	0.3	0.1	0.0	0.1
GAS	3.0	1.5	0.5	1.5	1.8
TOTAL	25.8	26.8	22.7	24.0	28.8
GENERATION (TWHRS)	2.6	2.6	2.1	2.4	2.8
HEAT RATE (BTU/KWHR)	10040	10190	10550	10030	10100
TOTAL CAPACITY (MW)	768.0	768.0	768.0	768.0	768.0
CAPACITY FACTOR	0.38	0.39	0.32	0.36	0.42
FUEL QUALITY:					
COAL SULFUR (%)	1.25	1.23	1.23	1.27	1.22
COAL HEAT (BTU/LB)	13263	13336	13337	13392	13363
COAL ASH (%)	8.19	7.88	8.09	8.02	7.40
OIL SULFUR (%)	0.37	0.04	0.05	0.48	0.46

DATA FOR THE 200 LARGEST SO2 EMITTERS (1976-1980)

PLANT: WARRICK
1980 SO2 RANK 186
STATE: INDIANA
ORIS CODE 52727 6705

	1976	1977	1978	1979	1980
SO2 EMISSIONS:					
TOTAL (1000 TONS)	22.9	22.9	23.9	22.2	23.3
COAL (1000 TONS)	22.9	22.9	23.9	22.2	23.3
OIL (1000 TONS)	0.0	0.0	0.0	0.0	0.0
GAS (1000 TONS)	0.0	0.0	0.0	0.0	0.0
SCRUBBER OPERATING?	NO	NO	NO	NO	NO
SO2 REM. (1000 TONS)	0.0	0.0	0.0	0.0	0.0
SO2 EMISSIONS RANK	190	192	184	192	186
FUEL USED:					
COAL (1000 TONS)	390.6	374.3	391.8	352.6	372.5
OIL (1000 BBLS)	0.0	0.0	0.0	0.0	0.0
GAS (1000 MCF)	4.2	11.6	24.7	24.8	24.0
FUEL HEAT VALUE (10**12 BTU):					
COAL	8.4	8.2	8.4	7.8	8.1
OIL	.	.	.	.	.
GAS	0.0	0.0	0.0	0.0	0.0
TOTAL	8.4	8.2	8.5	7.8	8.2
GENERATION (TWHRS)	0.8	0.8	0.8	0.7	0.7
HEAT RATE (BTU/KWHR)	10450	10470	10890	11050	11030
TOTAL CAPACITY (MW)	161.0	161.0	323.0	323.0	323.0
CAPACITY FACTOR	0.57	0.55	0.27	0.25	0.26
FUEL QUALITY:					
COAL SULFUR (%)	3.09	3.22	3.21	3.32	3.29
COAL HEAT (BTU/LB)	10763	10892	10775	11055	10939
COAL ASH (%)	10.66	10.55	11.62	10.54	10.30
OIL SULFUR (%)	.	.	.	.	.

DATA FOR THE 200 LARGEST SO2 EMITTERS (1976-1980)

PLANT: CLINCH RIVER
1980 SO2 RANK 187
STATE: VIRGINIA
ORIS CODE 54001 3775

	1976	1977	1978	1979	1980
SO2 EMISSIONS:					
TOTAL (1000 TONS)	26.8	28.5	26.0	23.4	23.2
COAL (1000 TONS)	26.8	28.5	25.9	23.4	23.2
OIL (1000 TONS)	0.0	0.0	0.0	0.0	0.0
GAS (1000 TONS)	0.0	0.0	0.0	0.0	0.0
SCRUBBER OPERATING?	NO	NO	NO	NO	NO
SO2 REM. (1000 TONS)	0.0	0.0	0.0	0.0	0.0
SO2 EMISSIONS RANK	173	162	173	187	187
FUEL USED:					
COAL (1000 TONS)	1881.9	1614.2	1606.6	1644.2	1586.9
OIL (1000 BBLS)	4.0	3.7	6.8	3.6	7.1
GAS (1000 MCF)	0.0	0.0	0.0	0.0	0.0
FUEL HEAT VALUE (10**12 BTU):					
COAL	45.0	38.9	38.5	39.9	38.6
OIL	0.0	0.0	0.0	0.0	0.0
GAS	.	.	.	.	.
TOTAL	45.0	38.9	38.5	39.9	38.6
GENERATION (TWHRS)	4.9	4.2	4.1	4.3	4.1
HEAT RATE (BTU/KWHR)	9230	9250	9430	9290	9330
TOTAL CAPACITY (MW)	712.0	712.0	712.0	712.0	712.0
CAPACITY FACTOR	0.78	0.67	0.66	0.69	0.66
FUEL QUALITY:					
COAL SULFUR (%)	0.75	0.93	0.85	0.75	0.77
COAL HEAT (BTU/LB)	11948	12036	11983	12125	12157
COAL ASH (%)	16.20	15.50	15.87	15.84	15.48
OIL SULFUR (%)	1.54	1.52	1.57	1.43	1.31

DATA FOR THE 200 LARGEST SO2 EMITTERS (1976-1980)

PLANT: ALMA-MADGETT
1980 SO2 RANK 188
STATE: WISCONSIN
ORIS CODE 50733 4140

	1976	1977	1978	1979	1980
SO2 EMISSIONS:					
TOTAL (1000 TONS)	22.0	27.2	28.6	22.0	23.1
COAL (1000 TONS)	22.0	27.2	28.6	22.0	23.0
OIL (1000 TONS)	0.0	0.0	0.0	0.0	0.1
GAS (1000 TONS)	0.0	0.0	0.0	0.0	0.0
SCRUBBER OPERATING?	NO	NO	NO	NO	NO
SO2 REM. (1000 TONS)	0.0	0.0	0.0	0.0	0.0
SO2 EMISSIONS RANK	195	168	163	194	188
FUEL USED:					
COAL (1000 TONS)	472.9	628.4	528.4	577.1	1188.3
OIL (1000 BBLS)	0.0	0.0	0.0	18.4	25.4
GAS (1000 MCF)	0.0	0.0	0.0	0.0	0.0
FUEL HEAT VALUE (10**12 BTU):					
COAL	9.5	12.3	10.8	11.1	20.9
OIL	.	.	.	0.1	0.2
GAS	.	.	.	.	.
TOTAL	9.5	12.3	10.8	11.2	21.0
GENERATION (TWHRS)	0.8	1.0	0.9	1.0	1.8
HEAT RATE (BTU/KWHR)	11580	12040	11580	11390	11640
TOTAL CAPACITY (MW)	188.0	188.0	188.0	252.0	575.0
CAPACITY FACTOR	0.50	0.62	0.57	0.45	0.36
FUEL QUALITY:					
COAL SULFUR (%)	2.45	2.55	2.85	2.24	1.14
COAL HEAT (BTU/LB)	10024	9809	10226	9642	8787
COAL ASH (%)	10.66	11.46	11.81	9.18	6.95
OIL SULFUR (%)	.	.	.	0.48	0.43

DATA FOR THE 200 LARGEST SO2 EMITTERS (1976-1980)

PLANT: SUTTON
1980 SO2 RANK 189
STATE: NORTH CAROLINA
ORIS CODE 50441 2713

	1976	1977	1978	1979	1980
SO2 EMISSIONS:					
TOTAL (1000 TONS)	12.2	18.5	18.6	14.4	22.8
COAL (1000 TONS)	11.7	18.4	14.1	14.4	22.6
OIL (1000 TONS)	0.5	0.1	4.5	0.0	0.2
GAS (1000 TONS)	0.0	0.0	0.0	0.0	0.0
SCRUBBER OPERATING?	NO	NO	NO	NO	NO
SO2 REM. (1000 TONS)	0.0	0.0	0.0	0.0	0.0
SO2 EMISSIONS RANK	265	218	217	245	189
FUEL USED:					
COAL (1000 TONS)	868.9	1008.5	741.4	850.8	1122.4
OIL (1000 BBLS)	491.5	121.7	768.3	54.4	68.4
GAS (1000 MCF)	0.0	0.0	0.0	0.0	0.0
FUEL HEAT VALUE (10**12 BTU):					
COAL	21.6	23.8	17.6	20.8	27.7
OIL	2.8	0.7	4.7	0.3	0.4
GAS	.	.	.	.	.
TOTAL	24.4	24.5	22.3	21.2	28.1
GENERATION (TWHRS)	2.2	2.2	2.0	1.9	2.6
HEAT RATE (BTU/KWHR)	10850	10950	11050	11180	10700
TOTAL CAPACITY (MW)	763.0	763.0	763.0	763.0	763.0
CAPACITY FACTOR	0.34	0.33	0.30	0.28	0.39
FUEL QUALITY:					
COAL SULFUR (%)	0.71	0.96	1.00	0.89	1.06
COAL HEAT (BTU/LB)	12406	11802	11855	12250	12333
COAL ASH (%)	10.94	13.40	13.92	10.36	10.75
OIL SULFUR (%)	0.30	0.20	1.74	0.20	0.20

DATA FOR THE 200 LARGEST SO2 EMITTERS (1976-1980)

PLANT: OSWEGO
1980 SO2 RANK 190
STATE: NEW YORK
ORIS CODE 52053 2594

	1976	1977	1978	1979	1980
SO2 EMISSIONS:					
TOTAL (1000 TONS)	35.2	62.2	55.8	63.7	22.6
COAL (1000 TONS)	0.0	0.0	0.0	0.0	0.0
OIL (1000 TONS)	35.2	62.2	55.8	63.7	22.6
GAS (1000 TONS)	0.0	0.0	0.0	0.0	0.0
SCRUBBER OPERATING?	NO	NO	NO	NO	NO
SO2 REM. (1000 TONS)	0.0	0.0	0.0	0.0	0.0
SO2 EMISSIONS RANK	140	88	95	80	190
FUEL USED:					
COAL (1000 TONS)	0.0	0.0	0.0	0.0	0.0
OIL (1000 BBLS)	4057.0	7161.4	6427.7	8151.8	6846.5
GAS (1000 MCF)	0.0	0.0	0.0	0.0	0.0
FUEL HEAT VALUE (10**12 BTU):					
COAL	.	.	.	.	.
OIL	25.5	45.0	40.4	51.0	42.1
GAS	.	.	.	.	.
TOTAL	25.5	45.0	40.4	51.0	42.1
GENERATION (TWHRS)	2.3	4.1	3.8	4.7	3.8
HEAT RATE (BTU/KWHR)	11280	10840	10740	10890	11010
TOTAL CAPACITY (MW)	1123.0	1257.0	1279.0	1279.0	1279.0
CAPACITY FACTOR	0.23	0.38	0.34	0.42	0.34
FUEL QUALITY:					
COAL SULFUR (%)	.	.	.	.	.
COAL HEAT (BTU/LB)	.	.	.	.	.
COAL ASH (%)	.	.	.	.	.
OIL SULFUR (%)	2.60	2.60	2.60	2.34	0.99

DATA FOR THE 200 LARGEST SO2 EMITTERS (1976-1980)

PLANT: NORTH OMAHA
1980 SO2 RANK 191
STATE: NEBRASKA
ORIS CODE 52172 2291

	1976	1977	1978	1979	1980
SO2 EMISSIONS:					
TOTAL (1000 TONS)	18.4	18.6	23.1	16.8	22.6
COAL (1000 TONS)	18.4	18.6	23.1	16.8	22.6
OIL (1000 TONS)	0.0	0.0	0.0	0.0	0.0
GAS (1000 TONS)	0.0	0.0	0.0	0.0	0.0
SCRUBBER OPERATING?	NO	NO	NO	NO	NO
SO2 REM. (1000 TONS)	0.0	0.0	0.0	0.0	0.0
SO2 EMISSIONS RANK	214	217	188	224	191
FUEL USED:					
COAL (1000 TONS)	1325.6	1323.5	1307.6	1027.7	1278.5
OIL (1000 BBLS)	0.0	0.0	0.0	0.0	0.0
GAS (1000 MCF)	1296.7	78.7	64.4	119.8	109.7
FUEL HEAT VALUE (10**12 BTU):					
COAL	27.8	27.6	27.1	21.3	26.6
OIL	.	.	.	.	.
GAS	1.3	0.1	0.1	0.1	0.1
TOTAL	29.0	27.6	27.2	21.5	26.7
GENERATION (TWHRS)	2.8	2.7	2.6	2.1	2.6
HEAT RATE (BTU/KWHR)	10260	10280	10340	10410	10220
TOTAL CAPACITY (MW)	645.0	645.0	645.0	645.0	645.0
CAPACITY FACTOR	0.50	0.48	0.47	0.36	0.46
FUEL QUALITY:					
COAL SULFUR (%)	0.73	0.74	0.93	0.86	0.93
COAL HEAT (BTU/LB)	10470	10413	10374	10379	10398
COAL ASH (%)	9.26	9.08	9.98	10.39	9.30
OIL SULFUR (%)	.	.	.	.	.

DATA FOR THE 200 LARGEST SO2 EMITTERS (1976-1980)

PLANT: RIVERBEND
1980 SO2 RANK 192
STATE: NORTH CAROLINA
ORIS CODE 50816 2732

	1976	1977	1978	1979	1980
SO2 EMISSIONS:					
TOTAL (1000 TONS)	9.3	18.3	16.7	16.3	22.1
COAL (1000 TONS)	9.3	18.2	16.6	16.3	22.1
OIL (1000 TONS)	0.0	0.1	0.1	0.0	0.1
GAS (1000 TONS)	0.0	0.0	0.0	0.0	0.0
SCRUBBER OPERATING?	NO	NO	NO	NO	NO
SO2 REM. (1000 TONS)	0.0	0.0	0.0	0.0	0.0
SO2 EMISSIONS RANK	291	220	229	230	192
FUEL USED:					
COAL (1000 TONS)	402.8	776.9	678.2	709.9	943.9
OIL (1000 BBLS)	7.6	117.3	115.4	9.0	18.1
GAS (1000 MCF)	0.0	0.0	0.0	237.5	464.8
FUEL HEAT VALUE (10**12 BTU):					
COAL	9.5	18.2	16.1	17.0	22.5
OIL	0.0	0.7	0.7	0.1	0.1
GAS	.	.	.	0.2	0.5
TOTAL	9.5	18.9	16.8	17.3	23.1
GENERATION (TWHRS)	0.9	1.7	1.5	1.6	2.2
HEAT RATE (BTU/KWHR)	10630	10800	10910	10830	10410
TOTAL CAPACITY (MW)	728.0	696.0	696.0	696.0	586.0
CAPACITY FACTOR	0.14	0.29	0.25	0.26	0.43
FUEL QUALITY:					
COAL SULFUR (%)	1.22	1.23	1.29	1.21	1.23
COAL HEAT (BTU/LB)	11734	11713	11867	11955	11944
COAL ASH (%)	13.93	13.43	12.97	12.15	12.32
OIL SULFUR (%)	0.26	0.25	0.27	0.25	0.27

DATA FOR THE 200 LARGEST SO2 EMITTERS (1976-1980)

PLANT: NEW CASTLE
1980 SO2 RANK 193
STATE: PENNSYLVANIA
ORIS CODE 52289 3138

	1976	1977	1978	1979	1980
SO2 EMISSIONS:					
TOTAL (1000 TONS)	47.7	48.1	46.9	27.8	22.1
COAL (1000 TONS)	47.7	48.0	46.9	27.8	22.1
OIL (1000 TONS)	0.0	0.0	0.0	0.0	0.0
GAS (1000 TONS)	0.0	0.0	0.0	0.0	0.0
SCRUBBER OPERATING?	NO	NO	NO	NO	NO
SO2 REM. (1000 TONS)	0.0	0.0	0.0	0.0	0.0
SO2 EMISSIONS RANK	107	116	108	161	193
FUEL USED:					
COAL (1000 TONS)	899.0	1006.9	1015.8	907.8	929.2
OIL (1000 BBLS)	9.0	20.0	23.1	16.8	10.0
GAS (1000 MCF)	0.0	0.0	0.0	0.0	0.0
FUEL HEAT VALUE (10**12 BTU):					
COAL	22.6	25.1	24.9	22.4	23.2
OIL	0.1	0.1	0.1	0.1	0.1
GAS	.	.	.	.	.
TOTAL	22.6	25.2	25.0	22.5	23.3
GENERATION (TWHRS)	2.0	2.2	2.2	1.9	1.9
HEAT RATE (BTU/KWHR)	11360	11350	11440	11930	12090
TOTAL CAPACITY (MW)	431.0	431.0	508.0	511.0	511.0
CAPACITY FACTOR	0.53	0.59	0.49	0.42	0.43
FUEL QUALITY:					
COAL SULFUR (%)	2.79	2.51	2.43	1.61	1.25
COAL HEAT (BTU/LB)	12548	12473	12251	12359	12509
COAL ASH (%)	9.50	9.13	10.74	9.97	10.04
OIL SULFUR (%)	0.43	0.49	0.54	0.27	0.34

DATA FOR THE 200 LARGEST SO2 EMITTERS (1976-1980)

PLANT: BAY SHORE
1980 SO2 RANK 194
STATE: OHIO
ORIS CODE 52927 2878

	1976	1977	1978	1979	1980
SO2 EMISSIONS:					
TOTAL (1000 TONS)	67.6	79.2	66.6	26.2	22.0
COAL (1000 TONS)	67.5	79.2	66.5	26.1	22.0
OIL (1000 TONS)	0.0	0.1	0.1	0.0	0.1
GAS (1000 TONS)	0.0	0.0	0.0	0.0	0.0
SCRUBBER OPERATING?	NO	NO	NO	NO	NO
SO2 REM. (1000 TONS)	0.0	0.0	0.0	0.0	0.0
SO2 EMISSIONS RANK	83	71	77	167	194
FUEL USED:					
COAL (1000 TONS)	1795.0	1728.9	1590.8	1462.9	1483.4
OIL (1000 BBLS)	29.1	54.1	53.4	31.7	15.3
GAS (1000 MCF)	0.0	0.0	0.0	0.0	0.0
FUEL HEAT VALUE (10**12 BTU):					
COAL	42.3	41.9	38.7	37.3	38.3
OIL	0.2	0.3	0.3	0.2	0.1
GAS	.	.	.	.	.
TOTAL	42.5	42.2	39.0	37.5	38.4
GENERATION (TWHRS)	4.5	4.5	4.1	3.9	4.0
HEAT RATE (BTU/KWHR)	9390	9410	9490	9500	9560
TOTAL CAPACITY (MW)	655.0	655.0	655.0	655.0	655.0
CAPACITY FACTOR	0.79	0.78	0.72	0.69	0.70
FUEL QUALITY:					
COAL SULFUR (%)	1.98	2.41	2.20	0.94	0.78
COAL HEAT (BTU/LB)	11783	12113	12163	12762	12914
COAL ASH (%)	14.09	11.70	10.65	7.78	7.52
OIL SULFUR (%)	0.40	0.40	0.36	0.40	0.40

DATA FOR THE 200 LARGEST SO2 EMITTERS (1976-1980)

PLANT: GRAND TOWER
1980 SO2 RANK 195
STATE: ILLINOIS
ORIS CODE 50486 862

	1976	1977	1978	1979	1980
SO2 EMISSIONS:					
TOTAL (1000 TONS)	33.4	34.6	22.2	25.1	22.0
COAL (1000 TONS)	33.4	34.6	22.2	25.1	21.9
OIL (1000 TONS)	0.0	0.0	0.0	0.0	0.0
GAS (1000 TONS)	0.0	0.0	0.0	0.0	0.0
SCRUBBER OPERATING?	NO	NO	NO	NO	NO
SO2 REM. (1000 TONS)	0.0	0.0	0.0	0.0	0.0
SO2 EMISSIONS RANK	148	145	193	177	195
FUEL USED:					
COAL (1000 TONS)	571.3	545.7	411.5	452.5	405.1
OIL (1000 BBLS)	4.0	3.9	3.5	4.0	5.0
GAS (1000 MCF)	0.0	0.0	0.0	0.0	0.0
FUEL HEAT VALUE (10**12 BTU):					
COAL	12.8	12.0	9.0	9.9	9.1
OIL	0.0	0.0	0.0	0.0	0.0
GAS	.	.	.	.	.
TOTAL	12.8	12.0	9.0	9.9	9.1
GENERATION (TWHRS)	1.2	1.1	0.8	0.9	0.8
HEAT RATE (BTU/KWHR)	10740	10800	10730	10790	10850
TOTAL CAPACITY (MW)	195.0	195.0	195.0	195.0	195.0
CAPACITY FACTOR	0.70	0.65	0.49	0.54	0.49
FUEL QUALITY:					
COAL SULFUR (%)	3.08	3.34	2.84	2.92	2.85
COAL HEAT (BTU/LB)	11205	10959	10941	10894	11198
COAL ASH (%)	10.55	12.13	12.39	11.73	11.92
OIL SULFUR (%)	0.52	0.55	0.53	0.60	0.66

DATA FOR THE 200 LARGEST SO2 EMITTERS (1976-1980)

PLANT: BURLINGTON
1980 SO2 RANK 196
STATE: IOWA
ORIS CODE 51409 1104

	1976	1977	1978	1979	1980
SO2 EMISSIONS:					
TOTAL (1000 TONS)	24.0	23.1	20.8	22.7	21.9
COAL (1000 TONS)	23.9	23.1	20.8	22.7	21.9
OIL (1000 TONS)	0.0	0.0	0.0	0.0	0.0
GAS (1000 TONS)	0.0	0.0	0.0	0.0	0.0
SCRUBBER OPERATING?	NO	NO	NO	NO	NO
SO2 REM. (1000 TONS)	0.0	0.0	0.0	0.0	0.0
SO2 EMISSIONS RANK	187	191	201	190	196
FUEL USED:					
COAL (1000 TONS)	512.4	516.6	417.3	472.3	421.4
OIL (1000 BBLS)	1.5	1.3	1.5	1.4	1.4
GAS (1000 MCF)	0.0	0.0	0.0	0.0	0.0
FUEL HEAT VALUE (10**12 BTU):					
COAL	10.4	10.4	8.9	9.8	9.2
OIL	0.0	0.0	0.0	0.0	0.0
GAS	.	.	.	.	.
TOTAL	10.4	10.4	8.9	9.8	9.2
GENERATION (TWHRS)	1.0	1.0	0.8	0.9	0.9
HEAT RATE (BTU/KWHR)	10720	10710	11490	10540	10620
TOTAL CAPACITY (MW)	188.0	188.0	188.0	188.0	188.0
CAPACITY FACTOR	0.59	0.59	0.47	0.57	0.53
FUEL QUALITY:					
COAL SULFUR (%)	2.46	2.35	2.62	2.53	2.74
COAL HEAT (BTU/LB)	10123	10072	10666	10373	10941
COAL ASH (%)	8.27	7.42	10.27	7.65	6.10
OIL SULFUR (%)	0.40	0.40	0.40	0.40	0.40

DATA FOR THE 200 LARGEST SO2 EMITTERS (1976-1980)

PLANT: PRESQUE ISLE
1980 SO2 RANK 197
STATE: MICHIGAN
ORIS CODE 53018 1769

	1976	1977	1978	1979	1980
SO2 EMISSIONS:					
TOTAL (1000 TONS)	17.1	12.0	37.8	18.2	21.4
COAL (1000 TONS)	17.0	12.0	37.8	18.1	21.4
OIL (1000 TONS)	0.0	0.0	0.1	0.1	0.1
GAS (1000 TONS)	0.0	0.0	0.0	0.0	0.0
SCRUBBER OPERATING?	NO	NO	NO	NO	NO
SO2 REM. (1000 TONS)	0.0	0.0	0.0	0.0	0.0
SO2 EMISSIONS RANK	220	277	129	212	197
FUEL USED:					
COAL (1000 TONS)	994.6	778.0	1258.6	1591.7	1628.9
OIL (1000 BBLS)	18.3	16.2	23.4	36.5	21.5
GAS (1000 MCF)	0.0	0.0	0.0	0.0	0.0
FUEL HEAT VALUE (10**12 BTU):					
COAL	24.8	17.9	27.2	33.5	34.3
OIL	0.1	0.1	0.1	0.2	0.1
GAS	.	.	.	.	.
TOTAL	24.9	18.0	27.4	33.8	34.4
GENERATION (TWHRS)	2.2	1.8	2.5	2.9	2.9
HEAT RATE (BTU/KWHR)	11230	10010	10890	11490	11710
TOTAL CAPACITY (MW)	301.0	301.0	463.0	568.0	628.0
CAPACITY FACTOR	0.84	0.68	0.62	0.59	0.53
FUEL QUALITY:					
COAL SULFUR (%)	0.90	0.81	1.58	0.60	0.69
COAL HEAT (BTU/LB)	12470	11491	10813	10538	10529
COAL ASH (%)	8.83	8.65	8.40	7.11	8.37
OIL SULFUR (%)	0.71	0.74	0.70	0.66	0.67

DATA FOR THE 200 LARGEST SO2 EMITTERS (1976-1980)

PLANT: TRENTON CHANNEL
1980 SO2 RANK 198
STATE: MICHIGAN
ORIS CODE 50782 1745

	1976	1977	1978	1979	1980
SO2 EMISSIONS:					
TOTAL (1000 TONS)	55.5	55.8	34.9	25.7	21.3
COAL (1000 TONS)	55.3	55.7	34.5	25.6	21.2
OIL (1000 TONS)	0.2	0.1	0.3	0.1	0.1
GAS (1000 TONS)	0.0	0.0	0.0	0.0	0.0
SCRUBBER OPERATING?	NO	NO	NO	NO	NO
SO2 REM. (1000 TONS)	0.0	0.0	0.0	0.0	0.0
SO2 EMISSIONS RANK	99	97	135	172	198
FUEL USED:					
COAL (1000 TONS)	1819.1	1819.8	1638.2	1465.0	1412.5
OIL (1000 BBLS)	168.1	140.6	307.4	142.7	41.9
GAS (1000 MCF)	0.0	0.0	0.0	0.0	0.0
FUEL HEAT VALUE (10**12 BTU):					
COAL	43.2	43.1	38.9	36.9	36.6
OIL	1.0	0.8	1.8	0.8	0.2
GAS	.	.	.	.	.
TOTAL	44.2	43.9	40.7	37.8	36.8
GENERATION (TWHRS)	4.5	4.4	4.1	3.8	3.8
HEAT RATE (BTU/KWHR)	9810	9980	9920	10010	9740
TOTAL CAPACITY (MW)	775.0	775.0	775.0	775.0	775.0
CAPACITY FACTOR	0.66	0.65	0.60	0.56	0.56
FUEL QUALITY:					
COAL SULFUR (%)	1.60	1.61	1.11	0.92	0.79
COAL HEAT (BTU/LB)	11881	11844	11879	12608	12953
COAL ASH (%)	12.14	12.56	12.09	8.78	7.29
OIL SULFUR (%)	0.30	0.30	0.30	0.24	0.26

DATA FOR THE 200 LARGEST SO2 EMITTERS (1976-1980)

PLANT: WESTON
1980 SO2 RANK 199
STATE: WISCONSIN
ORIS CODE 53333 4078

	1976	1977	1978	1979	1980
SO2 EMISSIONS:					
TOTAL (1000 TONS)	16.0	22.1	16.7	22.8	21.0
COAL (1000 TONS)	16.0	22.1	16.7	22.8	21.0
OIL (1000 TONS)	0.0	0.0	0.0	0.0	0.0
GAS (1000 TONS)	0.0	0.0	0.0	0.0	0.0
SCRUBBER OPERATING?	NO	NO	NO	NO	NO
SO2 REM. (1000 TONS)	0.0	0.0	0.0	0.0	0.0
SO2 EMISSIONS RANK	225	198	228	189	199
FUEL USED:					
COAL (1000 TONS)	264.0	315.8	277.6	330.6	329.5
OIL (1000 BBLS)	45.3	54.9	22.9	9.6	6.3
GAS (1000 MCF)	2043.4	395.5	1062.7	685.3	222.9
FUEL HEAT VALUE (10**12 BTU):					
COAL	5.8	7.0	6.1	7.4	7.5
OIL	0.3	0.3	0.1	0.1	0.0
GAS	2.1	0.4	1.1	0.7	0.2
TOTAL	8.2	7.8	7.3	8.2	7.8
GENERATION (TWHRS)	0.7	0.7	0.7	0.7	0.7
HEAT RATE (BTU/KWHR)	11980	11790	11250	11410	11360
TOTAL CAPACITY (MW)	207.0	207.0	207.0	207.0	207.0
CAPACITY FACTOR	0.38	0.36	0.36	0.40	0.38
FUEL QUALITY:					
COAL SULFUR (%)	3.18	3.68	3.17	3.63	3.35
COAL HEAT (BTU/LB)	11070	11149	11033	11224	11374
COAL ASH (%)	11.11	12.10	10.89	11.58	11.40
OIL SULFUR (%)	0.22	0.22	0.22	0.19	0.22

DATA FOR THE 200 LARGEST SO2 EMITTERS (1976-1980)

PLANT: GEORGETOWN
1980 SO2 RANK 200
STATE: SOUTH CAROLINA
ORIS CODE 52693 6249

	1976	1977	1978	1979	1980
SO2 EMISSIONS:					
TOTAL (1000 TONS)	16.1	24.7	25.8	21.4	21.0
COAL (1000 TONS)	16.1	24.7	25.8	21.4	20.9
OIL (1000 TONS)	0.0	0.0	0.0	0.0	0.1
GAS (1000 TONS)	0.0	0.0	0.0	0.0	0.0
SCRUBBER OPERATING?	NO	YES	YES	YES	YES
SO2 REM. (1000 TONS)	0.0	3.1	6.4	5.4	16.0
SO2 EMISSIONS RANK	224	185	177	197	200
FUEL USED:					
COAL (1000 TONS)	725.7	1123.5	1388.9	1330.5	1813.5
OIL (1000 BBLS)	0.0	0.0	0.0	1.8	20.6
GAS (1000 MCF)	0.0	0.0	0.0	0.0	0.0
FUEL HEAT VALUE (10**12 BTU):					
COAL	16.5	25.8	32.9	32.5	44.2
OIL	.	.	.	0.0	0.1
GAS	.	.	.	.	.
TOTAL	16.5	25.8	32.9	32.5	44.4
GENERATION (TWHRS)	1.8	2.6	3.3	3.3	4.5
HEAT RATE (BTU/KWHR)	9420	10070	10010	9930	9890
TOTAL CAPACITY (MW)	315.0	473.0	630.0	630.0	630.0
CAPACITY FACTOR	0.63	0.62	0.60	0.59	0.81
FUEL QUALITY:					
COAL SULFUR (%)	1.17	1.30	1.22	1.06	1.07
COAL HEAT (BTU/LB)	11393	11474	11855	12212	12195
COAL ASH (%)	13.59	13.68	13.07	10.56	10.66
OIL SULFUR (%)	.	.	.	1.93	0.30

DATA FOR THE 200 LARGEST SO2 EMITTERS (1976-1980)

PLANT: HUDSON
1980 SO2 RANK 204
STATE: NEW JERSEY
ORIS CODE 52414 2403

	1976	1977	1978	1979	1980
SO2 EMISSIONS:					
TOTAL (1000 TONS)	25.2	22.7	19.2	18.0	20.1
COAL (1000 TONS)	23.5	19.7	15.4	15.4	19.0
OIL (1000 TONS)	1.7	2.9	3.8	2.5	1.1
GAS (1000 TONS)	0.0	0.0	0.0	0.0	0.0
SCRUBBER OPERATING?	NO	NO	NO	NO	NO
SO2 REM. (1000 TONS)	0.0	0.0	0.0	0.0	0.0
SO2 EMISSIONS RANK	182	193	208	214	204
FUEL USED:					
COAL (1000 TONS)	1047.9	857.1	698.3	683.1	818.6
OIL (1000 BBLS)	1887.8	3529.8	4063.1	2825.7	1153.1
GAS (1000 MCF)	3469.5	1392.1	86.5	10333.6	15069.6
FUEL HEAT VALUE (10**12 BTU):					
COAL	27.5	22.4	18.3	17.7	21.3
OIL	11.4	21.4	24.8	17.2	7.0
GAS	3.6	1.4	0.1	10.9	15.8
TOTAL	42.5	45.2	43.2	45.9	44.2
GENERATION (TWHRS)	4.0	4.4	4.2	4.5	4.2
HEAT RATE (BTU/KWHR)	10530	10300	10270	10230	10420
TOTAL CAPACITY (MW)	1230.0	1230.0	1230.0	1230.0	1230.0
CAPACITY FACTOR	0.37	0.41	0.39	0.42	0.39
FUEL QUALITY:					
COAL SULFUR (%)	1.18	1.21	1.16	1.19	1.22
COAL HEAT (BTU/LB)	13127	13067	13130	12958	13022
COAL ASH (%)	9.41	9.47	9.59	9.90	9.71
OIL SULFUR (%)	0.27	0.25	0.28	0.27	0.27

DATA FOR THE 200 LARGEST SO2 EMITTERS (1976-1980)

PLANT: PRITCHARD
1980 SO2 RANK 205
STATE: INDIANA
ORIS CODE 51394 991

	1976	1977	1978	1979	1980
SO2 EMISSIONS:					
TOTAL (1000 TONS)	26.1	26.4	16.1	20.2	19.9
COAL (1000 TONS)	26.0	26.3	15.9	20.2	19.9
OIL (1000 TONS)	0.1	0.1	0.2	0.0	0.1
GAS (1000 TONS)	0.0	0.0	0.0	0.0	0.0
SCRUBBER OPERATING?	NO	NO	NO	NO	NO
SO2 REM. (1000 TONS)	0.0	0.0	0.0	0.0	0.0
SO2 EMISSIONS RANK	178	175	235	203	205
FUEL USED:					
COAL (1000 TONS)	547.9	536.7	368.1	493.4	512.8
OIL (1000 BBLS)	78.1	125.0	217.9	25.5	20.0
GAS (1000 MCF)	0.0	0.0	0.0	0.0	0.0
FUEL HEAT VALUE (10**12 BTU):					
COAL	11.9	11.7	8.0	10.7	11.2
OIL	0.4	0.7	1.2	0.1	0.1
GAS	.	.	.	.	.
TOTAL	12.4	12.4	9.2	10.9	11.3
GENERATION (TWHRS)	1.1	1.1	0.8	0.9	1.0
HEAT RATE (BTU/KWHR)	11360	11420	11460	11580	11340
TOTAL CAPACITY (MW)	396.0	396.0	396.0	396.0	396.0
CAPACITY FACTOR	0.31	0.31	0.23	0.27	0.29
FUEL QUALITY:					
COAL SULFUR (%)	2.50	2.58	2.27	2.15	2.04
COAL HEAT (BTU/LB)	10895	10900	10865	10875	10950
COAL ASH (%)	10.14	10.21	10.97	10.29	9.55
OIL SULFUR (%)	0.30	0.30	0.30	0.30	0.30

DATA FOR THE 200 LARGEST SO2 EMITTERS (1976-1980)

PLANT: JAMES RIVER
1980 SO2 RANK 207
STATE: MISSOURI
ORIS CODE 52770 2161

	1976	1977	1978	1979	1980
SO2 EMISSIONS:					
TOTAL (1000 TONS)	12.7	8.5	9.5	17.1	19.7
COAL (1000 TONS)	12.7	8.5	9.4	17.1	19.7
OIL (1000 TONS)	0.0	0.0	0.0	0.0	0.0
GAS (1000 TONS)	0.0	0.0	0.0	0.0	0.0
SCRUBBER OPERATING?	NO	NO	NO	NO	NO
SO2 REM. (1000 TONS)	0.0	0.0	0.0	0.0	0.0
SO2 EMISSIONS RANK	261	322	292	222	207
FUEL USED:					
COAL (1000 TONS)	270.6	142.0	167.6	236.7	266.2
OIL (1000 BBLS)	2.2	7.0	10.5	5.9	1.4
GAS (1000 MCF)	4402.7	4772.9	5210.7	1726.3	1182.8
FUEL HEAT VALUE (10**12 BTU):					
COAL	6.7	3.4	3.9	5.6	6.1
OIL	0.0	0.0	0.0	0.0	0.0
GAS	4.5	4.8	5.3	1.7	1.2
TOTAL	11.2	8.3	9.2	7.4	7.3
GENERATION (TWHRS)	0.9	0.7	0.7	0.6	0.6
HEAT RATE (BTU/KWHR)	12190	12460	12490	12350	11930
TOTAL CAPACITY (MW)	253.0	253.0	253.0	253.0	253.0
CAPACITY FACTOR	0.41	0.30	0.33	0.27	0.28
FUEL QUALITY:					
COAL SULFUR (%)	2.47	3.14	2.96	3.81	3.89
COAL HEAT (BTU/LB)	12462	11875	11659	11807	11477
COAL ASH (%)	12.55	15.83	16.65	15.48	14.39
OIL SULFUR (%)	0.85	0.02	0.70	0.17	0.61

DATA FOR THE 200 LARGEST SO2 EMITTERS (1976-1980)

PLANT: WILL COUNTY
1980 SO2 RANK 209
STATE: ILLINOIS
ORIS CODE 50643 884

	1976	1977	1978	1979	1980
SO2 EMISSIONS:					
TOTAL (1000 TONS)	36.9	20.3	18.7	19.9	19.6
COAL (1000 TONS)	36.9	20.3	18.6	19.9	19.4
OIL (1000 TONS)	0.1	0.0	0.0	0.1	0.2
GAS (1000 TONS)	0.0	0.0	0.0	0.0	0.0
SCRUBBER OPERATING?	NO	NO	NO	NO	NO
SO2 REM. (1000 TONS)	0.0	0.0	0.0	0.0	0.0
SO2 EMISSIONS RANK	133	210	214	205	209
FUEL USED:					
COAL (1000 TONS)	2852.2	2598.9	2330.7	2595.8	2236.6
OIL (1000 BBLS)	78.8	34.6	61.6	68.6	51.3
GAS (1000 MCF)	0.0	0.0	0.0	0.0	0.0
FUEL HEAT VALUE (10**12 BTU):					
COAL	55.2	49.6	44.1	48.9	42.0
OIL	0.5	0.2	0.4	0.4	0.3
GAS	.	.	.	.	.
TOTAL	55.7	49.8	44.4	49.3	42.3
GENERATION (TWHRS)	5.3	4.7	4.2	4.5	4.0
HEAT RATE (BTU/KWHR)	10470	10680	10560	10830	10530
TOTAL CAPACITY (MW)	1269.0	1269.0	1269.0	1269.0	1269.0
CAPACITY FACTOR	0.48	0.42	0.38	0.41	0.36
FUEL QUALITY:					
COAL SULFUR (%)	0.76	0.46	0.47	0.45	0.51
COAL HEAT (BTU/LB)	9683	9548	9453	9411	9395
COAL ASH (%)	5.32	4.52	4.99	4.68	5.25
OIL SULFUR (%)	0.21	0.20	0.23	0.23	0.21

DATA FOR THE 200 LARGEST SO2 EMITTERS (1976-1980)

PLANT: WATTS BAR
1980 SO2 RANK 210
STATE: TENNESSEE
ORIS CODE 52987 3419

	1976	1977	1978	1979	1980
SO2 EMISSIONS:					
TOTAL (1000 TONS)	31.1	32.7	23.0	13.3	19.6
COAL (1000 TONS)	31.1	32.7	23.0	13.3	19.5
OIL (1000 TONS)	0.0	0.0	0.0	0.0	0.0
GAS (1000 TONS)	0.0	0.0	0.0	0.0	0.0
SCRUBBER OPERATING?	NO	NO	NO	NO	NO
SO2 REM. (1000 TONS)	0.0	0.0	0.0	0.0	0.0
SO2 EMISSIONS RANK	156	150	189	259	210
FUEL USED:					
COAL (1000 TONS)	682.0	734.5	560.7	352.9	461.3
OIL (1000 BBLS)	0.0	0.0	0.0	0.7	2.0
GAS (1000 MCF)	0.0	0.0	0.0	0.0	0.0
FUEL HEAT VALUE (10**12 BTU):					
COAL	15.8	16.3	13.3	8.1	11.4
OIL	.	.	.	0.0	0.0
GAS	.	.	.	.	.
TOTAL	15.8	16.3	13.3	8.1	11.4
GENERATION (TWHRS)	1.2	1.2	1.0	0.7	0.8
HEAT RATE (BTU/KWHR)	13520	13170	13080	12280	14350
TOTAL CAPACITY (MW)	240.0	240.0	240.0	240.0	240.0
CAPACITY FACTOR	0.55	0.59	0.48	0.32	0.38
FUEL QUALITY:					
COAL SULFUR (%)	2.40	2.34	2.16	1.98	2.23
COAL HEAT (BTU/LB)	11589	11082	11826	11533	12376
COAL ASH (%)	14.08	14.37	13.24	10.13	7.56
OIL SULFUR (%)	.	.	.	0.50	0.50

DATA FOR THE 200 LARGEST SO2 EMITTERS (1976-1980)

PLANT: RIVER ROUGE
1980 SO2 RANK 211
STATE: MICHIGAN
ORIS CODE 50782 1740

	1976	1977	1978	1979	1980
SO2 EMISSIONS:					
TOTAL (1000 TONS)	10.1	11.6	19.4	22.1	19.3
COAL (1000 TONS)	0.0	0.0	11.3	18.2	19.1
OIL (1000 TONS)	10.0	11.6	8.1	3.8	0.1
GAS (1000 TONS)	0.0	0.0	0.0	0.0	0.0
SCRUBBER OPERATING?	NO	NO	NO	NO	NO
SO2 REM. (1000 TONS)	0.0	0.0	0.0	0.0	0.0
SO2 EMISSIONS RANK	284	281	205	193	211
FUEL USED:					
COAL (1000 TONS)	0.1	0.0	692.7	1212.7	1325.5
OIL (1000 BBLS)	2950.5	3471.3	2875.1	1646.1	50.8
GAS (1000 MCF)	12238.0	8744.6	9913.8	11797.0	5213.8
FUEL HEAT VALUE (10**12 BTU):					
COAL	0.0	.	16.0	28.8	31.6
OIL	18.5	21.8	18.0	10.2	0.3
GAS	1.6	1.1	1.3	1.6	0.7
TOTAL	20.0	22.9	35.3	40.6	32.6
GENERATION (TWHRS)	2.0	2.2	3.5	4.1	3.4
HEAT RATE (BTU/KWHR)	10030	10440	10170	9910	9580
TOTAL CAPACITY (MW)	944.0	944.0	944.0	944.0	944.0
CAPACITY FACTOR	0.24	0.27	0.42	0.50	0.41
FUEL QUALITY:					
COAL SULFUR (%)	2.60	.	0.86	0.79	0.76
COAL HEAT (BTU/LB)	12060	.	11531	11869	11907
COAL ASH (%)	11.97	.	12.81	11.20	11.36
OIL SULFUR (%)	1.02	1.00	0.84	0.70	0.69

DATA FOR THE 200 LARGEST SO2 EMITTERS (1976-1980)

PLANT: COOPER
1980 SO2 RANK 214
STATE: KENTUCKY
ORIS CODE 50841 1384

	1976	1977	1978	1979	1980
SO2 EMISSIONS:					
TOTAL (1000 TONS)	35.6	23.9	22.5	22.6	18.8
COAL (1000 TONS)	35.6	23.9	22.4	22.6	18.8
OIL (1000 TONS)	0.0	0.0	0.0	0.0	0.0
GAS (1000 TONS)	0.0	0.0	0.0	0.0	0.0
SCRUBBER OPERATING?	NO	NO	NO	NO	NO
SO2 REM. (1000 TONS)	0.0	0.0	0.0	0.0	0.0
SO2 EMISSIONS RANK	138	186	192	191	214
FUEL USED:					
COAL (1000 TONS)	831.8	741.2	814.9	809.7	705.7
OIL (1000 BBLS)	1.7	1.6	2.5	2.3	1.9
GAS (1000 MCF)	0.0	0.0	0.0	0.0	0.0
FUEL HEAT VALUE (10**12 BTU):					
COAL	20.4	17.7	20.0	19.8	17.2
OIL	0.0	0.0	0.0	0.0	0.0
GAS	.	.	.	.	.
TOTAL	20.4	17.7	20.0	19.8	17.2
GENERATION (TWHRS)	2.0	1.7	1.9	1.9	1.7
HEAT RATE (BTU/KWHR)	10170	10330	10340	10280	10330
TOTAL CAPACITY (MW)	321.0	321.0	321.0	321.0	321.0
CAPACITY FACTOR	0.71	0.61	0.69	0.68	0.59
FUEL QUALITY:					
COAL SULFUR (%)	2.25	1.70	1.45	1.47	1.40
COAL HEAT (BTU/LB)	12236	11910	12273	12214	12171
COAL ASH (%)	11.05	12.95	10.35	10.01	10.45
OIL SULFUR (%)	0.43	0.31	0.24	0.39	0.36

DATA FOR THE 200 LARGEST SO2 EMITTERS (1976-1980)

PLANT: PORT EVERGLADES
1980 SO2 RANK 215
STATE: FLORIDA
ORIS CODE 51006 617

	1976	1977	1978	1979	1980
SO2 EMISSIONS:					
TOTAL (1000 TONS)	27.8	20.9	21.4	26.0	18.6
COAL (1000 TONS)	0.0	0.0	0.0	0.0	0.0
OIL (1000 TONS)	27.8	20.9	21.4	26.0	18.6
GAS (1000 TONS)	0.0	0.0	0.0	0.0	0.0
SCRUBBER OPERATING?	NO	NO	NO	NO	NO
SO2 REM. (1000 TONS)	0.0	0.0	0.0	0.0	0.0
SO2 EMISSIONS RANK	169	206	195	168	215
FUEL USED:					
COAL (1000 TONS)	0.0	0.0	0.0	0.0	0.0
OIL (1000 BBLS)	8487.5	6332.5	6684.4	7011.4	6183.3
GAS (1000 MCF)	17018.9	24132.7	23272.4	23068.2	21702.0
FUEL HEAT VALUE (10**12 BTU):					
COAL	.	.	.	.	.
OIL	52.4	38.9	41.2	43.6	38.7
GAS	17.0	24.0	23.3	23.1	21.7
TOTAL	69.4	62.9	64.5	66.6	60.4
GENERATION (TWHRS)	6.9	6.2	6.3	6.4	5.8
HEAT RATE (BTU/KWHR)	10050	10210	10310	10440	10340
TOTAL CAPACITY (MW)	1679.0	1679.0	1679.0	1679.0	1679.0
CAPACITY FACTOR	0.47	0.42	0.43	0.43	0.40
FUEL QUALITY:					
COAL SULFUR (%)	.	.	.	.	.
COAL HEAT (BTU/LB)	.	.	.	.	.
COAL ASH (%)	.	.	.	.	.
OIL SULFUR (%)	0.98	0.99	0.96	1.11	0.90

DATA FOR THE 200 LARGEST SO2 EMITTERS (1976-1980)

PLANT: ASHEVILLE
1980 SO2 RANK 219
STATE: NORTH CAROLINA
ORIS CODE 50441 2706

	1976	1977	1978	1979	1980
SO2 EMISSIONS:					
TOTAL (1000 TONS)	19.1	18.1	21.0	17.6	17.7
COAL (1000 TONS)	19.1	18.1	21.0	17.6	17.7
OIL (1000 TONS)	0.0	0.0	0.0	0.0	0.0
GAS (1000 TONS)	0.0	0.0	0.0	0.0	0.0
SCRUBBER OPERATING?	NO	NO	NO	NO	NO
SO2 REM. (1000 TONS)	0.0	0.0	0.0	0.0	0.0
SO2 EMISSIONS RANK	208	223	199	215	219
FUEL USED:					
COAL (1000 TONS)	1047.8	773.3	842.7	906.8	1000.6
OIL (1000 BBLS)	12.8	24.2	34.1	21.8	9.4
GAS (1000 MCF)	0.0	0.0	0.0	0.0	0.0
FUEL HEAT VALUE (10**12 BTU):					
COAL	25.3	18.3	20.5	22.4	25.0
OIL	0.1	0.1	0.2	0.1	0.1
GAS	.	.	.	.	.
TOTAL	25.4	18.4	20.7	22.5	25.1
GENERATION (TWHRS)	2.6	1.9	2.0	2.2	2.5
HEAT RATE (BTU/KWHR)	9850	9820	10150	10190	10110
TOTAL CAPACITY (MW)	414.0	414.0	414.0	414.0	414.0
CAPACITY FACTOR	0.71	0.52	0.56	0.61	0.68
FUEL QUALITY:					
COAL SULFUR (%)	0.96	1.23	1.31	1.02	0.93
COAL HEAT (BTU/LB)	12091	11828	12158	12358	12514
COAL ASH (%)	11.49	13.09	13.06	12.43	12.30
OIL SULFUR (%)	0.20	0.23	0.20	0.20	0.20

DATA FOR THE 200 LARGEST SO2 EMITTERS (1976-1980)

PLANT: COLLINS
1980 SO2 RANK 220
STATE: ILLINOIS
ORIS CODE 50643 6025

	1976	1977	1978	1979	1980
SO2 EMISSIONS:					
TOTAL (1000 TONS)	0.0	5.1	11.2	16.7	17.7
COAL (1000 TONS)	0.0	0.0	0.0	0.0	0.0
OIL (1000 TONS)	0.0	5.1	11.2	16.7	17.7
GAS (1000 TONS)	0.0	0.0	0.0	0.0	0.0
SCRUBBER OPERATING?	NO	NO	NO	NO	NO
SO2 REM. (1000 TONS)	0.0	0.0	0.0	0.0	0.0
SO2 EMISSIONS RANK	1749	376	279	225	220
FUEL USED:					
COAL (1000 TONS)	0.0	0.0	0.0	0.0	0.0
OIL (1000 BBLS)	0.0	2762.0	6073.3	8473.9	9094.0
GAS (1000 MCF)	0.0	0.0	0.0	0.0	0.0
FUEL HEAT VALUE (10**12 BTU):					
COAL	.	.	.	.	.
OIL	.	17.0	37.2	52.4	56.2
GAS	.	.	.	.	.
TOTAL	.	17.0	37.2	52.4	56.2
GENERATION (TWHRS)	0.0	1.6	3.4	4.7	5.0
HEAT RATE (BTU/KWHR)	.	10630	10950	11210	11220
TOTAL CAPACITY (MW)	0.0	656.0	1653.0	2433.0	2650.0
CAPACITY FACTOR	.	0.28	0.23	0.22	0.21
FUEL QUALITY:					
COAL SULFUR (%)	.	.	.	.	.
COAL HEAT (BTU/LB)	.	.	.	.	.
COAL ASH (%)	.	.	.	.	.
OIL SULFUR (%)	.	0.55	0.55	0.59	0.58

DATA FOR THE 200 LARGEST SO2 EMITTERS (1976-1980)

PLANT: HIGH BRIDGE
1980 SO2 RANK 221
STATE: MINNESOTA
ORIS CODE 52107 1912

	1976	1977	1978	1979	1980
SO2 EMISSIONS:					
TOTAL (1000 TONS)	25.6	20.6	16.8	11.9	17.2
COAL (1000 TONS)	25.4	20.5	16.7	11.8	17.2
OIL (1000 TONS)	0.2	0.1	0.1	0.0	0.1
GAS (1000 TONS)	0.0	0.0	0.0	0.0	0.0
SCRUBBER OPERATING?	NO	NO	NO	NO	NO
SO2 REM. (1000 TONS)	0.0	0.0	0.0	0.0	0.0
SO2 EMISSIONS RANK	181	208	227	276	221
FUEL USED:					
COAL (1000 TONS)	860.2	837.9	607.9	557.3	612.3
OIL (1000 BBLS)	33.1	30.7	60.0	27.6	15.1
GAS (1000 MCF)	1124.5	302.5	62.6	274.0	450.9
FUEL HEAT VALUE (10**12 BTU):					
COAL	15.9	15.1	11.4	10.2	11.5
OIL	0.2	0.2	0.4	0.2	0.1
GAS	0.9	0.2	0.0	0.3	0.4
TOTAL	17.0	15.5	11.8	10.6	12.1
GENERATION (TWHRS)	1.4	1.3	0.9	0.9	1.0
HEAT RATE (BTU/KWHR)	12090	11760	12770	12020	12460
TOTAL CAPACITY (MW)	398.0	392.0	392.0	392.0	392.0
CAPACITY FACTOR	0.40	0.38	0.27	0.26	0.28
FUEL QUALITY:					
COAL SULFUR (%)	1.74	1.44	1.62	1.25	1.65
COAL HEAT (BTU/LB)	9260	8995	9357	9119	9407
COAL ASH (%)	10.70	11.06	9.83	9.37	9.64
OIL SULFUR (%)	1.49	0.54	0.50	0.50	0.50

DATA FOR THE 200 LARGEST SO2 EMITTERS (1976-1980)

PLANT: RIVERSIDE
1980 SO2 RANK 222
STATE: MINNESOTA
ORIS CODE 52107 1927

	1976	1977	1978	1979	1980
SO2 EMISSIONS:					
TOTAL (1000 TONS)	24.4	26.9	18.9	17.4	17.2
COAL (1000 TONS)	24.3	26.8	18.9	17.4	17.2
OIL (1000 TONS)	0.1	0.0	0.0	0.0	0.0
GAS (1000 TONS)	0.0	0.0	0.0	0.0	0.0
SCRUBBER OPERATING?	NO	NO	NO	NO	YES
SO2 REM. (1000 TONS)	0.0	0.0	0.0	0.0	0.4
SO2 EMISSIONS RANK	186	171	209	218	222
FUEL USED:					
COAL (1000 TONS)	842.5	986.9	799.4	725.7	637.1
OIL (1000 BBLS)	11.4	11.7	7.7	6.1	5.2
GAS (1000 MCF)	1477.3	58.9	0.0	16.5	0.0
FUEL HEAT VALUE (10**12 BTU):					
COAL	16.0	18.6	15.2	13.6	12.3
OIL	0.1	0.1	0.0	0.0	0.0
GAS	1.5	0.1	.	0.0	.
TOTAL	17.5	18.7	15.2	13.7	12.3
GENERATION (TWHRS)	1.5	1.6	1.3	1.2	1.1
HEAT RATE (BTU/KWHR)	11420	11450	11440	11470	11490
TOTAL CAPACITY (MW)	378.0	378.0	378.0	378.0	378.0
CAPACITY FACTOR	0.46	0.49	0.40	0.36	0.32
FUEL QUALITY:					
COAL SULFUR (%)	1.70	1.60	1.39	1.41	1.62
COAL HEAT (BTU/LB)	9483	9432	9479	9394	9646
COAL ASH (%)	8.08	8.11	7.38	7.51	7.39
OIL SULFUR (%)	1.49	1.26	0.50	1.36	1.03

DATA FOR THE 200 LARGEST SO2 EMITTERS (1976-1980)

PLANT: WAGNER
1980 SO2 RANK 224
STATE: MARYLAND
ORIS CODE 50154 1554

	1976	1977	1978	1979	1980
SO2 EMISSIONS:					
TOTAL (1000 TONS)	19.9	20.5	21.5	18.9	17.1
COAL (1000 TONS)	10.1	9.2	7.7	9.9	11.0
OIL (1000 TONS)	9.8	11.3	13.8	9.1	6.0
GAS (1000 TONS)	0.0	0.0	0.0	0.0	0.0
SCRUBBER OPERATING?	NO	NO	NO	NO	NO
SO2 REM. (1000 TONS)	0.0	0.0	0.0	0.0	0.0
SO2 EMISSIONS RANK	206	209	194	208	224
FUEL USED:					
COAL (1000 TONS)	605.0	564.8	460.8	597.0	645.2
OIL (1000 BBLS)	3418.2	3785.8	4316.0	2833.0	1877.7
GAS (1000 MCF)	0.0	0.0	0.0	0.0	0.0
FUEL HEAT VALUE (10**12 BTU):					
COAL	15.9	14.9	12.1	15.1	16.7
OIL	21.0	23.1	26.3	17.5	11.7
GAS	.	.	.	.	.
TOTAL	36.8	38.1	38.4	32.6	28.3
GENERATION (TWHRS)	3.7	3.7	3.8	3.2	2.8
HEAT RATE (BTU/KWHR)	10090	10180	10240	10100	10080
TOTAL CAPACITY (MW)	1059.0	1059.0	1059.0	1059.0	1059.0
CAPACITY FACTOR	0.39	0.40	0.40	0.35	0.30
FUEL QUALITY:					
COAL SULFUR (%)	0.88	0.86	0.88	0.87	0.90
COAL HEAT (BTU/LB)	13133	13208	13157	12621	12908
COAL ASH (%)	8.98	8.28	8.48	10.15	8.71
OIL SULFUR (%)	0.86	0.89	0.96	0.96	0.96

DATA FOR THE 200 LARGEST SO2 EMITTERS (1976-1980)

PLANT: MARION
1980 SO2 RANK 226
STATE: ILLINOIS
ORIS CODE 52726 976

	1976	1977	1978	1979	1980
SO2 EMISSIONS:					
TOTAL (1000 TONS)	24.5	25.0	30.3	26.5	16.9
COAL (1000 TONS)	24.5	25.0	30.3	26.5	16.9
OIL (1000 TONS)	0.0	0.0	0.0	0.0	0.0
GAS (1000 TONS)	0.0	0.0	0.0	0.0	0.0
SCRUBBER OPERATING?	NO	NO	NO	YES	YES
SO2 REM. (1000 TONS)	0.0	0.0	0.0	15.7	22.7
SO2 EMISSIONS RANK	184	183	152	165	226
FUEL USED:					
COAL (1000 TONS)	372.7	422.1	517.1	711.3	751.9
OIL (1000 BBLS)	0.4	1.2	12.3	4.3	3.6
GAS (1000 MCF)	0.0	0.0	0.0	0.0	0.0
FUEL HEAT VALUE (10**12 BTU):					
COAL	7.7	8.7	10.6	14.6	15.1
OIL	0.0	0.0	0.1	0.0	0.0
GAS	.	.	.	.	.
TOTAL	7.7	8.7	10.6	14.6	15.1
GENERATION (TWHRS)	0.6	0.7	0.9	1.3	1.3
HEAT RATE (BTU/KWHR)	12480	12620	12240	10930	11260
TOTAL CAPACITY (MW)	99.0	99.0	99.0	242.0	270.0
CAPACITY FACTOR	0.71	0.79	1.00	0.63	0.57
FUEL QUALITY:					
COAL SULFUR (%)	3.46	3.12	3.08	3.12	2.77
COAL HEAT (BTU/LB)	10308	10277	10220	10266	10048
COAL ASH (%)	16.20	16.02	15.89	14.78	16.25
OIL SULFUR (%)	0.52	0.55	0.53	0.60	0.66

DATA FOR THE 200 LARGEST SO2 EMITTERS (1976-1980)

PLANT: HUTSONVILLE
1980 SO2 RANK 230
STATE: ILLINOIS
ORIS CODE 50486 863

	1976	1977	1978	1979	1980
SO2 EMISSIONS:					
TOTAL (1000 TONS)	21.7	21.9	14.8	13.8	16.1
COAL (1000 TONS)	21.7	21.8	14.7	13.8	16.1
OIL (1000 TONS)	0.1	0.0	0.1	0.0	0.0
GAS (1000 TONS)	0.0	0.0	0.0	0.0	0.0
SCRUBBER OPERATING?	NO	NO	NO	NO	NO
SO2 REM. (1000 TONS)	0.0	0.0	0.0	0.0	0.0
SO2 EMISSIONS RANK	196	201	249	254	230
FUEL USED:					
COAL (1000 TONS)	419.4	446.6	323.1	393.9	448.8
OIL (1000 BBLS)	90.7	134.3	168.3	11.7	7.8
GAS (1000 MCF)	0.0	0.0	0.0	0.0	0.0
FUEL HEAT VALUE (10**12 BTU):					
COAL	9.5	9.9	7.2	8.7	9.9
OIL	0.5	0.8	1.0	0.1	0.0
GAS	.	.	.	.	.
TOTAL	10.0	10.7	8.1	8.8	9.9
GENERATION (TWHRS)	0.9	1.0	0.7	0.8	0.9
HEAT RATE (BTU/KWHR)	10690	11050	11770	10980	10720
TOTAL CAPACITY (MW)	203.0	203.0	203.0	203.0	203.0
CAPACITY FACTOR	0.52	0.54	0.39	0.45	0.52
FUEL QUALITY:					
COAL SULFUR (%)	2.72	2.57	2.40	1.84	1.89
COAL HEAT (BTU/LB)	11298	11101	11083	11030	11022
COAL ASH (%)	10.14	10.67	10.71	9.95	10.08
OIL SULFUR (%)	0.20	0.10	0.13	0.20	0.20

DATA FOR THE 200 LARGEST SO2 EMITTERS (1976-1980)

PLANT: RIVERSIDE
1980 SO2 RANK 231
STATE: IOWA
ORIS CODE 51406 1081

	1976	1977	1978	1979	1980
SO2 EMISSIONS:					
TOTAL (1000 TONS)	22.4	22.2	22.7	23.7	15.9
COAL (1000 TONS)	22.4	22.1	22.7	23.7	15.9
OIL (1000 TONS)	0.0	0.0	0.0	0.0	0.0
GAS (1000 TONS)	0.0	0.0	0.0	0.0	0.0
SCRUBBER OPERATING?	NO	NO	NO	NO	NO
SO2 REM. (1000 TONS)	0.0	0.0	0.0	0.0	0.0
SO2 EMISSIONS RANK	192	197	190	185	231
FUEL USED:					
COAL (1000 TONS)	461.7	444.5	451.3	486.7	317.2
OIL (1000 BBLS)	31.8	50.9	32.6	32.0	5.6
GAS (1000 MCF)	3733.7	2647.9	3066.0	1434.5	1460.6
FUEL HEAT VALUE (10**12 BTU):					
COAL	9.8	9.2	9.3	9.8	6.5
OIL	0.2	0.3	0.2	0.2	0.0
GAS	3.9	2.7	3.1	1.5	1.5
TOTAL	13.8	12.2	12.6	11.5	8.1
GENERATION (TWHRS)	1.1	1.0	0.9	0.9	0.6
HEAT RATE (BTU/KWHR)	12870	12630	13380	12290	13620
TOTAL CAPACITY (MW)	282.0	283.0	284.0	274.0	274.0
CAPACITY FACTOR	0.43	0.39	0.38	0.39	0.25
FUEL QUALITY:					
COAL SULFUR (%)	2.55	2.62	2.65	2.56	2.64
COAL HEAT (BTU/LB)	10570	10362	10257	10087	10303
COAL ASH (%)	7.59	9.28	9.96	9.66	10.55
OIL SULFUR (%)	0.23	0.28	0.24	0.06	0.21

DATA FOR THE 200 LARGEST SO2 EMITTERS (1976-1980)

PLANT: EDWARDS
1980 SO2 RANK 239
STATE: ILLINOIS
ORIS CODE 50485 856

	1976	1977	1978	1979	1980
SO2 EMISSIONS:					
TOTAL (1000 TONS)	54.6	49.0	34.5	15.0	14.6
COAL (1000 TONS)	54.6	49.0	34.5	14.9	14.6
OIL (1000 TONS)	0.0	0.0	0.0	0.0	0.0
GAS (1000 TONS)	0.0	0.0	0.0	0.0	0.0
SCRUBBER OPERATING?	NO	NO	NO	NO	NO
SO2 REM. (1000 TONS)	0.0	0.0	0.0	0.0	0.0
SO2 EMISSIONS RANK	101	115	136	242	239
FUEL USED:					
COAL (1000 TONS)	1726.0	1619.6	1470.4	1268.0	1257.1
OIL (1000 BBLS)	8.4	9.1	8.8	17.1	12.9
GAS (1000 MCF)	0.0	0.0	0.0	0.0	0.0
FUEL HEAT VALUE (10**12 BTU):					
COAL	33.3	31.3	27.7	25.8	26.8
OIL	0.1	0.1	0.1	0.1	0.1
GAS	.	.	.	.	.
TOTAL	33.4	31.4	27.8	26.0	26.9
GENERATION (TWHRS)	3.2	3.0	2.7	2.5	2.5
HEAT RATE (BTU/KWHR)	10370	10590	10400	10420	10650
TOTAL CAPACITY (MW)	780.0	780.0	780.0	780.0	780.0
CAPACITY FACTOR	0.47	0.43	0.39	0.36	0.37
FUEL QUALITY:					
COAL SULFUR (%)	1.86	1.78	1.38	0.62	0.61
COAL HEAT (BTU/LB)	9657	9677	9419	10192	10654
COAL ASH (%)	10.13	10.07	10.61	10.14	9.11
OIL SULFUR (%)	0.52	0.55	0.53	0.60	0.66

DATA FOR THE 200 LARGEST SO2 EMITTERS (1976-1980)

PLANT: LAKEROAD
1980 SO2 RANK 243
STATE: MISSOURI
ORIS CODE 52786 2098

	1976	1977	1978	1979	1980
SO2 EMISSIONS:					
TOTAL (1000 TONS)	11.6	23.9	19.2	26.5	14.0
COAL (1000 TONS)	11.3	23.5	18.7	26.0	14.0
OIL (1000 TONS)	0.3	0.4	0.6	0.5	0.0
GAS (1000 TONS)	0.0	0.0	0.0	0.0	0.0
SCRUBBER OPERATING?	NO	NO	NO	NO	NO
SO2 REM. (1000 TONS)	0.0	0.0	0.0	0.0	0.0
SO2 EMISSIONS RANK	270	187	207	166	243
FUEL USED:					
COAL (1000 TONS)	155.8	318.9	237.8	315.0	161.4
OIL (1000 BBLS)	38.1	60.9	142.7	59.1	1.4
GAS (1000 MCF)	5072.2	3011.8	6048.7	2798.6	1039.0
FUEL HEAT VALUE (10**12 BTU):					
COAL	3.4	7.0	5.1	6.9	3.8
OIL	0.2	0.4	0.9	0.4	0.0
GAS	4.8	2.9	5.8	2.7	1.0
TOTAL	8.4	10.2	11.7	10.0	4.8
GENERATION (TWHRS)	0.7	0.8	1.0	0.8	0.4
HEAT RATE (BTU/KWHR)	12610	12050	11780	12050	12400
TOTAL CAPACITY (MW)	210.0	210.0	210.0	210.0	210.0
CAPACITY FACTOR	0.36	0.46	0.54	0.45	0.21
FUEL QUALITY:					
COAL SULFUR (%)	3.81	3.88	4.13	4.34	4.56
COAL HEAT (BTU/LB)	10873	10932	10667	10984	11757
COAL ASH (%)	13.16	13.11	13.36	13.92	14.62
OIL SULFUR (%)	2.51	1.91	1.20	2.57	2.22

DATA FOR THE 200 LARGEST SO2 EMITTERS (1976-1980)

PLANT: WILLIAMS
1980 SO2 RANK 246
STATE: SOUTH CAROLINA
ORIS CODE 52692 3298

	1976	1977	1978	1979	1980
SO2 EMISSIONS:					
TOTAL (1000 TONS)	28.6	28.9	35.6	22.9	13.6
COAL (1000 TONS)	0.0	0.0	0.0	0.0	0.0
OIL (1000 TONS)	28.6	28.9	35.6	22.9	13.6
GAS (1000 TONS)	0.0	0.0	0.0	0.0	0.0
SCRUBBER OPERATING?	NO	NO	NO	NO	NO
SO2 REM. (1000 TONS)	0.0	0.0	0.0	0.0	0.0
SO2 EMISSIONS RANK	164	160	133	188	246
FUEL USED:					
COAL (1000 TONS)	0.0	0.0	0.0	0.0	0.0
OIL (1000 BBLS)	4085.5	4386.0	5435.0	3350.9	1959.0
GAS (1000 MCF)	3.9	62.4	210.6	52.1	258.3
FUEL HEAT VALUE (10**12 BTU):					
COAL	.	.	.	.	.
OIL	25.4	27.4	34.0	21.0	12.3
GAS	0.0	0.1	0.2	0.1	0.3
TOTAL	25.4	27.4	34.2	21.1	12.5
GENERATION (TWHRS)	2.6	2.8	3.5	2.1	1.3
HEAT RATE (BTU/KWHR)	9860	9740	9820	9890	9860
TOTAL CAPACITY (MW)	693.0	693.0	693.0	693.0	693.0
CAPACITY FACTOR	0.42	0.46	0.57	0.35	0.21
FUEL QUALITY:					
COAL SULFUR (%)	.	.	.	.	.
COAL HEAT (BTU/LB)	.	.	.	.	.
COAL ASH (%)	.	.	.	.	.
OIL SULFUR (%)	2.10	1.97	1.96	2.05	2.09

DATA FOR THE 200 LARGEST SO2 EMITTERS (1976-1980)

PLANT: EDGEWATER
1980 SO2 RANK 255
STATE: OHIO
ORIS CODE 52154 2857

	1976	1977	1978	1979	1980
SO2 EMISSIONS:					
TOTAL (1000 TONS)	23.5	22.5	24.5	18.9	12.7
COAL (1000 TONS)	23.4	22.3	24.3	18.7	12.7
OIL (1000 TONS)	0.2	0.2	0.2	0.2	0.1
GAS (1000 TONS)	0.0	0.0	0.0	0.0	0.0
SCRUBBER OPERATING?	NO	NO	NO	NO	NO
SO2 REM. (1000 TONS)	0.0	0.0	0.0	0.0	0.0
SO2 EMISSIONS RANK	189	195	183	209	255
FUEL USED:					
COAL (1000 TONS)	439.1	401.2	401.5	395.1	387.7
OIL (1000 BBLS)	128.5	164.6	202.4	125.9	23.7
GAS (1000 MCF)	0.0	0.0	0.0	0.0	0.0
FUEL HEAT VALUE (10**12 BTU):					
COAL	10.3	9.1	9.2	9.5	9.4
OIL	0.7	0.9	1.2	0.7	0.1
GAS	.	.	.	.	.
TOTAL	11.0	10.1	10.4	10.2	9.5
GENERATION (TWHRS)	0.9	0.8	0.9	0.9	0.9
HEAT RATE (BTU/KWHR)	12100	11880	11780	11360	11190
TOTAL CAPACITY (MW)	251.0	251.0	251.0	251.0	251.0
CAPACITY FACTOR	0.41	0.39	0.40	0.41	0.39
FUEL QUALITY:					
COAL SULFUR (%)	2.80	2.93	3.18	2.49	1.72
COAL HEAT (BTU/LB)	11725	11354	11472	11964	12121
COAL ASH (%)	10.78	12.48	13.09	11.27	9.52
OIL SULFUR (%)	0.40	0.31	0.35	0.42	0.45

DATA FOR THE 200 LARGEST SO2 EMITTERS (1976-1980)

PLANT: PORT WENTWORTH
1980 SO2 RANK 262
STATE: GEORGIA
ORIS CODE 52588 733

	1976	1977	1978	1979	1980
SO2 EMISSIONS:					
TOTAL (1000 TONS)	25.8	26.5	29.1	12.9	12.2
COAL (1000 TONS)	0.0	0.0	1.2	7.9	10.1
OIL (1000 TONS)	25.8	26.5	28.0	4.9	2.1
GAS (1000 TONS)	0.0	0.0	0.0	0.0	0.0
SCRUBBER OPERATING?	NO	NO	NO	NO	NO
SO2 REM. (1000 TONS)	0.0	0.0	0.0	0.0	0.0
SO2 EMISSIONS RANK	180	174	160	261	262
FUEL USED:					
COAL (1000 TONS)	0.0	0.0	59.3	342.9	564.1
OIL (1000 BBLS)	3163.4	3129.4	2867.6	718.9	250.8
GAS (1000 MCF)	662.8	658.3	179.0	749.5	1275.9
FUEL HEAT VALUE (10**12 BTU):					
COAL	.	.	1.4	8.6	13.8
OIL	19.7	19.4	17.8	4.4	1.6
GAS	0.7	0.7	0.2	0.8	1.3
TOTAL	20.4	20.1	19.5	13.9	16.7
GENERATION (TWHRS)	2.0	1.9	1.9	1.3	1.6
HEAT RATE (BTU/KWHR)	10410	10410	10510	10750	10600
TOTAL CAPACITY (MW)	352.0	352.0	352.0	352.0	352.0
CAPACITY FACTOR	0.63	0.63	0.60	0.42	0.51
FUEL QUALITY:					
COAL SULFUR (%)	.	.	1.04	1.22	0.94
COAL HEAT (BTU/LB)	.	.	12026	12513	12248
COAL ASH (%)	.	.	11.03	10.93	11.73
OIL SULFUR (%)	2.44	2.54	2.92	2.06	2.50

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               DATA FOR THE 200 LARGEST SO2 EMITTERS (1976-1980)


PLANT:  PORTSMOUTH
1980 SO2 RANK  267
STATE: VIRGINIA
ORIS CODE  53146 3803

                           1976        1977        1978        1979        1980


SO2 EMISSIONS:
  TOTAL (1000 TONS)        33.7        25.4        29.6        18.5        12.0
  COAL (1000 TONS)          0.0         0.0         0.0         1.0         7.8
  OIL (1000 TONS)          33.7        25.4        29.6        17.6         4.2
  GAS (1000 TONS)           0.0         0.0         0.0         0.0         0.0

SCRUBBER OPERATING?          NO          NO          NO          NO          NO
SO2 REM. (1000 TONS)        0.0         0.0         0.0         0.0         0.0

SO2 EMISSIONS RANK          146         181         155         210         267


FUEL USED:
  COAL (1000 TONS)          0.0         0.0         0.0        52.3       466.2
  OIL (1000 BBLS)        4743.1      3885.0      4363.4      3437.3      1315.4
  GAS (1000 MCF)          163.5       536.0        88.1      1389.9      1039.1


FUEL HEAT VALUE (10**12 BTU):
  COAL                      .           .           .           1.4        12.2
  OIL                      29.6        24.2        27.3        21.5         8.2
  GAS                       0.2         0.5         0.1         1.4         1.1

  TOTAL                    29.8        24.7        27.4        24.3        21.5


GENERATION (TWHRS)          2.7         2.1         2.5         2.1         1.9


HEAT RATE (BTU/KWHR)      10950       11590       11010       11440       11330


TOTAL CAPACITY (MW)       831.0       823.0       812.0       812.0       812.0


CAPACITY FACTOR            0.37        0.30        0.35        0.30        0.27


FUEL QUALITY:
  COAL SULFUR (%)           .           .           .          0.99        0.88
  COAL HEAT (BTU/LB)          .           .           .       13107       13106
  COAL ASH (%)              .           .           .          8.96        8.90
  OIL SULFUR (%)           2.13        1.96        2.03        1.53        0.95
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DATA FOR THE 200 LARGEST SO2 EMITTERS (1976-1980)

PLANT: BLACK DOG
1980 SO2 RANK 268
STATE: MINNESOTA
ORIS CODE 52107 1904

	1976	1977	1978	1979	1980
SO2 EMISSIONS:					
TOTAL (1000 TONS)	27.9	23.3	18.9	13.8	11.9
COAL (1000 TONS)	27.8	23.3	18.9	13.8	11.9
OIL (1000 TONS)	0.0	0.0	0.0	0.0	0.0
GAS (1000 TONS)	0.0	0.0	0.0	0.0	0.0
SCRUBBER OPERATING?	NO	NO	NO	NO	NO
SO2 REM. (1000 TONS)	0.0	0.0	0.0	0.0	0.0
SO2 EMISSIONS RANK	168	190	210	252	268
FUEL USED:					
COAL (1000 TONS)	1056.1	774.1	759.9	592.8	520.3
OIL (1000 BBLS)	5.0	12.8	15.2	11.4	6.6
GAS (1000 MCF)	1091.8	41.3	24.7	64.5	118.8
FUEL HEAT VALUE (10**12 BTU):					
COAL	19.2	14.4	13.8	10.9	9.5
OIL	0.0	0.1	0.1	0.1	0.0
GAS	1.1	0.0	0.0	0.1	0.1
TOTAL	20.3	14.5	13.9	11.0	9.7
GENERATION (TWHRS)	1.8	1.3	1.2	0.9	0.8
HEAT RATE (BTU/KWHR)	11040	11310	11480	11870	12110
TOTAL CAPACITY (MW)	481.0	481.0	481.0	481.0	481.0
CAPACITY FACTOR	0.44	0.31	0.29	0.22	0.19
FUEL QUALITY:					
COAL SULFUR (%)	1.55	1.77	1.46	1.37	1.34
COAL HEAT (BTU/LB)	9093	9320	9102	9154	9127
COAL ASH (%)	10.43	10.38	9.85	9.45	9.88
OIL SULFUR (%)	1.49	0.77	0.50	0.54	1.03

DATA FOR THE 200 LARGEST SO2 EMITTERS (1976-1980)

PLANT: JEFFREY ENERGY CN
1980 SO2 RANK 271
STATE: KANSAS
ORIS CODE 51479 6068

	1976	1977	1978	1979	1980
SO2 EMISSIONS:					
TOTAL (1000 TONS)	.	.	5.1	5.0	11.7
COAL (1000 TONS)	.	.	4.9	4.8	11.6
OIL (1000 TONS)	.	.	0.2	0.2	0.1
GAS (1000 TONS)	.	.	0.0	0.0	0.0
SCRUBBER OPERATING?	NO	NO	YES	YES	YES
SO2 REM. (1000 TONS)	.	.	0.0	7.2	10.8
SO2 EMISSIONS RANK	.	.	376	373	271
FUEL USED:					
COAL (1000 TONS)	.	.	793.6	2084.7	3999.7
OIL (1000 BBLS)	.	.	168.3	91.1	41.8
GAS (1000 MCF)	.	.	0.0	0.0	0.0
FUEL HEAT VALUE (10**12 BTU):					
COAL	.	.	13.3	35.0	67.2
OIL	.	.	1.0	0.5	0.3
GAS	.	.	.	.	.
TOTAL	.	.	14.3	35.5	67.5
GENERATION (TWHRS)	.	.	1.2	3.2	6.0
HEAT RATE (BTU/KWHR)	.	.	11940	11170	11310
TOTAL CAPACITY (MW)	.	.	0.0	720.0	1440.0
CAPACITY FACTOR	.	.	.	0.50	0.47
FUEL QUALITY:					
COAL SULFUR (%)	.	.	0.36	0.34	0.33
COAL HEAT (BTU/LB)	.	.	8386	8393	8403
COAL ASH (%)	.	.	5.22	4.92	4.84
OIL SULFUR (%)	.	.	0.44	0.69	0.50

DATA FOR THE 200 LARGEST SO2 EMITTERS (1976-1980)

PLANT: TURKEY POINT
1980 SO2 RANK 274
STATE: FLORIDA
ORIS CODE 51006 621

	1976	1977	1978	1979	1980
SO2 EMISSIONS:					
TOTAL (1000 TONS)	16.8	13.0	14.5	17.3	11.6
COAL (1000 TONS)	0.0	0.0	0.0	0.0	0.0
OIL (1000 TONS)	16.7	12.9	14.5	17.3	11.6
GAS (1000 TONS)	0.0	0.0	0.0	0.0	0.0
SCRUBBER OPERATING?	NO	NO	NO	NO	NC
SO2 REM. (1000 TONS)	0.0	0.0	0.0	0.0	0.0
SO2 EMISSIONS RANK	221	269	250	220	274
FUEL USED:					
COAL (1000 TONS)	0.0	0.0	0.0	0.0	0.0
OIL (1000 BBLS)	5170.8	3998.0	4341.8	4204.9	3745.9
GAS (1000 MCF)	12960.1	14001.1	14948.0	15872.9	13546.9
FUEL HEAT VALUE (10**12 BTU):					
COAL	.	.	.	.	.
OIL	31.9	24.7	26.9	26.3	23.5
GAS	13.0	14.0	14.9	15.9	13.5
TOTAL	44.9	38.7	41.8	42.2	37.0
GENERATION (TWHRS)	4.5	3.9	4.2	4.2	3.7
HEAT RATE (BTU/KWHR)	9930	10050	9950	9970	9970
TOTAL CAPACITY (MW)	818.0	818.0	818.0	818.0	818.0
CAPACITY FACTOR	0.63	0.54	0.59	0.59	0.52
FUEL QUALITY:					
COAL SULFUR (%)	.	.	.	.	.
COAL HEAT (BTU/LB)	.	.	.	.	.
COAL ASH (%)	.	.	.	.	.
OIL SULFUR (%)	0.97	0.97	1.00	1.23	0.93

DATA FOR THE 200 LARGEST SO2 EMITTERS (1976-1980)

PLANT: WEADOCK-SANDUSKY
1980 SO2 RANK 276
STATE: MICHIGAN
ORIS CODE 50658 1720

	1976	1977	1978	1979	1980
SO2 EMISSIONS:					
TOTAL (1000 TONS)	30.5	26.8	25.9	26.0	11.5
COAL (1000 TONS)	27.0	24.0	23.3	25.2	11.0
OIL (1000 TONS)	3.5	2.8	2.6	0.8	0.5
GAS (1000 TONS)	0.0	0.0	0.0	0.0	0.0
SCRUBBER OPERATING?	NO	NO	NO	NO	NO
SO2 REM. (1000 TONS)	0.0	0.0	0.0	0.0	0.0
SO2 EMISSIONS RANK	158	172	176	169	276
FUEL USED:					
COAL (1000 TONS)	648.0	591.1	649.9	802.9	723.2
OIL (1000 BBLS)	1505.1	1115.6	1114.8	378.4	144.5
GAS (1000 MCF)	455.8	421.0	423.4	169.6	117.6
FUEL HEAT VALUE (10**12 BTU):					
COAL	15.4	13.9	15.0	19.0	17.8
OIL	9.2	6.9	6.8	2.3	0.9
GAS	0.5	0.4	0.4	0.2	0.1
TOTAL	25.1	21.2	22.3	21.5	18.9
GENERATION (TWHRS)	2.2	1.9	1.9	2.0	1.8
HEAT RATE (BTU/KWHR)	11590	11350	11780	10940	10380
TOTAL CAPACITY (MW)	635.0	635.0	635.0	635.0	635.0
CAPACITY FACTOR	0.39	0.34	0.34	0.35	0.33
FUEL QUALITY:					
COAL SULFUR (%)	2.19	2.14	1.89	1.65	0.80
COAL HEAT (BTU/LB)	11847	11784	11554	11813	12338
COAL ASH (%)	.	0.00	0.00	0.00	10.76
OIL SULFUR (%)	0.71	0.74	0.70	0.66	1.00

DATA FOR THE 200 LARGEST SO2 EMITTERS (1976-1980)

PLANT: DES MOINES
1980 SO2 RANK 278
STATE: IOWA
ORIS CODE 51407 1083

	1976	1977	1978	1979	1980
SO2 EMISSIONS:					
TOTAL (1000 TONS)	22.3	21.2	13.2	10.4	11.4
COAL (1000 TONS)	22.3	21.2	13.2	10.4	11.4
OIL (1000 TONS)	0.1	0.0	0.0	0.0	0.0
GAS (1000 TONS)	0.0	0.0	0.0	0.0	0.0
SCRUBBER OPERATING?	NO	NO	NO	NO	NO
SO2 REM. (1000 TONS)	0.0	0.0	0.0	0.0	0.0
SO2 EMISSIONS RANK	193	205	261	291	278
FUEL USED:					
COAL (1000 TONS)	496.0	572.1	439.8	311.5	320.3
OIL (1000 BBLS)	43.3	18.0	14.5	7.0	0.0
GAS (1000 MCF)	2819.8	243.7	102.5	244.5	256.2
FUEL HEAT VALUE (10**12 BTU):					
COAL	9.0	10.1	8.6	6.2	6.4
OIL	0.2	0.1	0.1	0.0	.
GAS	2.8	0.2	0.1	0.2	0.3
TOTAL	12.0	10.4	8.8	6.4	6.6
GENERATION (TWHRS)	0.9	0.9	0.7	0.5	0.5
HEAT RATE (BTU/KWHR)	12790	12040	12320	12950	13350
TOTAL CAPACITY (MW)	297.0	270.0	270.0	270.0	270.0
CAPACITY FACTOR	0.36	0.37	0.30	0.21	0.21
FUEL QUALITY:					
COAL SULFUR (%)	2.64	2.18	1.76	1.97	2.09
COAL HEAT (BTU/LB)	9043	8800	9823	9901	9942
COAL ASH (%)	11.73	11.75	11.32	10.69	11.01
OIL SULFUR (%)	0.40	0.35	0.35	0.35	.

DATA FOR THE 200 LARGEST SO2 EMITTERS (1976-1980)

PLANT: GREEN RIVER
1980 SO2 RANK 288
STATE: KENTUCKY
ORIS CODE 51498 1357

	1976	1977	1978	1979	1980
SO2 EMISSIONS:					
TOTAL (1000 TONS)	24.4	15.7	15.5	12.0	11.0
COAL (1000 TONS)	24.4	15.7	15.5	12.0	11.0
OIL (1000 TONS)	0.0	0.0	0.0	0.0	0.0
GAS (1000 TONS)	0.0	0.0	0.0	0.0	0.0
SCRUBBER OPERATING?	YES	YES	YES	YES	YES
SO2 REM. (1000 TONS)	5.8	3.8	3.7	2.9	2.6
SO2 EMISSIONS RANK	185	244	241	272	288
FUEL USED:					
COAL (1000 TONS)	669.3	380.7	419.9	342.0	319.3
OIL (1000 BBLS)	0.0	0.0	0.0	1.2	4.4
GAS (1000 MCF)	0.0	0.0	0.0	0.0	0.0
FUEL HEAT VALUE (10**12 BTU):					
COAL	15.1	8.7	9.5	7.8	7.4
OIL	.	.	.	0.0	0.0
GAS	.	.	.	.	.
TOTAL	15.1	8.7	9.5	7.8	7.5
GENERATION (TWHRS)	1.2	0.7	0.7	0.6	0.6
HEAT RATE (BTU/KWHR)	12670	12560	13360	12500	12680
TOTAL CAPACITY (MW)	264.0	264.0	264.0	264.0	264.0
CAPACITY FACTOR	0.51	0.30	0.31	0.27	0.25
FUEL QUALITY:					
COAL SULFUR (%)	2.38	2.69	2.41	2.28	2.24
COAL HEAT (BTU/LB)	11276	11392	11327	11445	11648
COAL ASH (%)	13.30	12.22	13.02	11.20	9.03
OIL SULFUR (%)	.	.	.	0.39	0.36

DATA FOR THE 200 LARGEST SO2 EMITTERS (1976-1980)

PLANT: ECKERT
1980 SO2 RANK 300
STATE: MICHIGAN
ORIS CODE 51593 1831

	1976	1977	1978	1979	1980
SO2 EMISSIONS:					
TOTAL (1000 TONS)	21.3	20.2	15.5	10.2	9.7
COAL (1000 TONS)	21.2	20.2	15.5	10.2	9.7
OIL (1000 TONS)	0.0	0.0	0.0	0.0	0.0
GAS (1000 TONS)	0.0	0.0	0.0	0.0	0.0
SCRUBBER OPERATING?	NO	NO	NO	NO	NO
SO2 REM. (1000 TONS)	0.0	0.0	0.0	0.0	0.0
SO2 EMISSIONS RANK	198	212	242	294	300
FUEL USED:					
COAL (1000 TONS)	426.4	467.3	581.3	524.1	614.7
OIL (1000 BBLS)	11.1	9.8	16.0	10.8	10.8
GAS (1000 MCF)	0.0	0.0	0.0	0.0	0.0
FUEL HEAT VALUE (10**12 BTU):					
COAL	10.4	11.5	14.2	13.4	15.8
OIL	0.1	0.1	0.1	0.1	0.1
GAS	.	.	.	.	.
TOTAL	10.5	11.5	14.3	13.5	15.9
GENERATION (TWHRS)	0.9	1.0	1.2	1.2	1.4
HEAT RATE (BTU/KWHR)	11360	11490	11820	11720	11570
TOTAL CAPACITY (MW)	386.0	386.0	386.0	386.0	386.0
CAPACITY FACTOR	0.27	0.30	0.36	0.34	0.41
FUEL QUALITY:					
COAL SULFUR (%)	2.62	2.27	1.40	1.02	0.83
COAL HEAT (BTU/LB)	12204	12260	12220	12796	12891
COAL ASH (%)	11.66	10.68	10.20	8.19	8.06
OIL SULFUR (%)	0.71	0.74	0.70	0.66	0.67

DATA FOR THE 200 LARGEST SO2 EMITTERS (1976-1980)

PLANT: LAKE SHORE
1980 SO2 RANK 311
STATE: OHIO
ORIS CODE 50587 2838

	1976	1977	1978	1979	1980
SO2 EMISSIONS:					
TOTAL (1000 TONS)	55.3	50.7	11.2	11.1	8.8
COAL (1000 TONS)	55.3	48.9	6.1	6.8	6.5
OIL (1000 TONS)	0.0	1.9	5.1	4.3	2.3
GAS (1000 TONS)	0.0	0.0	0.0	0.0	0.0
SCRUBBER OPERATING?	NO	NO	NO	NO	NO
SO2 REM. (1000 TONS)	0.0	0.0	0.0	0.0	0.0
SO2 EMISSIONS RANK	100	111	278	285	311
FUEL USED:					
COAL (1000 TONS)	1228.6	977.6	527.2	512.8	459.6
OIL (1000 BBLS)	16.9	513.8	1250.8	877.2	433.1
GAS (1000 MCF)	0.0	0.0	0.0	0.0	0.0
FUEL HEAT VALUE (10**12 BTU):					
COAL	28.2	22.2	12.4	12.4	12.0
OIL	0.1	3.2	7.8	5.6	2.8
GAS	.	.	.	.	.
TOTAL	28.3	25.4	20.3	18.0	14.8
GENERATION (TWHRS)	2.5	2.2	1.7	1.6	1.3
HEAT RATE (BTU/KWHR)	11400	11450	11870	11420	11010
TOTAL CAPACITY (MW)	516.0	518.0	518.0	518.0	518.0
CAPACITY FACTOR	0.55	0.49	0.38	0.35	0.29
FUEL QUALITY:					
COAL SULFUR (%)	2.37	2.63	0.61	0.70	0.74
COAL HEAT (BTU/LB)	11480	11365	11807	12052	13039
COAL ASH (%)	13.73	13.53	10.51	9.35	6.23
OIL SULFUR (%)	0.36	1.09	1.23	1.46	1.62

DATA FOR THE 200 LARGEST SO2 EMITTERS (1976-1980)

PLANT: NEWTON
1980 SO2 RANK 340
STATE: ILLINOIS
ORIS CODE 50486 6017

	1976	1977	1978	1979	1980
SO2 EMISSIONS:					
TOTAL (1000 TONS)	.	16.5	70.8	57.9	7.0
COAL (1000 TONS)	.	16.4	70.8	57.8	6.9
OIL (1000 TONS)	.	0.1	0.0	0.0	0.1
GAS (1000 TONS)	.	0.0	0.0	0.0	0.0
SCRUBBER OPERATING?	NO	NO	NO	YES	YES
SO2 REM. (1000 TONS)	.	0.0	0.0	16.7	58.1
SO2 EMISSIONS RANK	.	234	72	89	340
FUEL USED:					
COAL (1000 TONS)	.	358.9	1552.2	1415.3	1325.8
OIL (1000 BBLS)	.	43.3	26.5	21.2	17.1
GAS (1000 MCF)	.	0.0	0.0	0.0	0.0
FUEL HEAT VALUE (10**12 BTU):					
COAL	.	8.0	33.9	32.2	30.9
OIL	.	0.3	0.2	0.1	0.1
GAS	.	.	.	.	.
TOTAL	.	8.3	34.1	32.4	31.0
GENERATION (TWHRS)	.	0.8	3.3	3.2	3.0
HEAT RATE (BTU/KWHR)	.	10480	10180	9970	10170
TOTAL CAPACITY (MW)	.	621.0	621.0	621.0	621.0
CAPACITY FACTOR	.	0.15	0.62	0.60	0.56
FUEL QUALITY:					
COAL SULFUR (%)	.	2.41	2.40	2.77	2.58
COAL HEAT (BTU/LB)	.	11188	10922	11386	11649
COAL ASH (%)	.	11.76	12.03	11.13	11.17
OIL SULFUR (%)	.	0.55	0.53	0.60	0.66

DATA FOR THE 200 LARGEST SO2 EMITTERS (1976-1980)

PLANT: PITTSBURG
1980 SO2 RANK 346
STATE: CALIFORNIA
ORIS CODE 52224 271

	1976	1977	1978	1979	1980
SO2 EMISSIONS:					
TOTAL (1000 TONS)	15.1	17.7	15.4	12.2	6.3
COAL (1000 TONS)	0.0	0.0	0.0	0.0	0.0
OIL (1000 TONS)	15.1	17.7	15.4	12.2	6.3
GAS (1000 TONS)	0.0	0.0	0.0	0.0	0.0
SCRUBBER OPERATING?	NO	NO	NO	NO	NO
SO2 REM. (1000 TONS)	0.0	0.0	0.0	0.0	0.0
SO2 EMISSIONS RANK	234	227	244	270	346
FUEL USED:					
COAL (1000 TONS)	0.0	0.0	0.0	0.0	0.0
OIL (1000 BBLS)	10042.2	12030.7	10048.7	7474.0	4100.0
GAS (1000 MCF)	41368.2	30265.7	19458.6	38993.5	45556.3
FUEL HEAT VALUE (10**12 BTU):					
COAL	.	.	.	.	.
OIL	61.7	74.0	62.7	46.2	25.5
GAS	43.6	32.0	20.5	40.6	47.2
TOTAL	105.3	106.0	83.2	86.8	72.6
GENERATION (TWHRS)	10.4	10.2	8.0	8.4	6.8
HEAT RATE (BTU/KWHR)	10100	10350	10460	10340	10650
TOTAL CAPACITY (MW)	2041.0	2029.0	2029.0	2029.0	2029.0
CAPACITY FACTOR	0.58	0.58	0.45	0.47	0.38
FUEL QUALITY:					
COAL SULFUR (%)	.	.	.	.	.
COAL HEAT (BTU/LB)	.	.	.	.	.
COAL ASH (%)	.	.	.	.	.
OIL SULFUR (%)	0.45	0.44	0.46	0.49	0.46

DATA FOR THE 200 LARGEST SO2 EMITTERS (1976-1980)

PLANT: MOSS LANDING
1980 SO2 RANK 361
STATE: CALIFORNIA
ORIS CODE 52224 260

	1976	1977	1978	1979	1980
SO2 EMISSIONS:					
TOTAL (1000 TONS)	11.7	16.4	9.9	10.2	5.6
COAL (1000 TONS)	0.0	0.0	0.0	0.0	0.0
OIL (1000 TONS)	11.7	16.4	9.9	10.1	5.6
GAS (1000 TONS)	0.0	0.0	0.0	0.0	0.0
SCRUBBER OPERATING?	NO	NO	NO	NO	NO
SO2 REM. (1000 TONS)	0.0	0.0	0.0	0.0	0.0
SO2 EMISSIONS RANK	268	235	290	296	361
FUEL USED:					
COAL (1000 TONS)	0.0	0.0	0.0	0.0	0.0
OIL (1000 BBLS)	7798.4	13301.7	8000.9	6897.6	3724.0
GAS (1000 MCF)	49187.6	42728.7	34170.7	58072.2	57826.5
FUEL HEAT VALUE (10**12 BTU):					
COAL	.	.	.	.	.
OIL	48.0	81.6	48.9	42.5	23.1
GAS	53.2	46.1	37.0	62.9	62.6
TOTAL	101.2	127.8	85.9	105.4	85.6
GENERATION (TWHRS)	10.5	13.0	8.9	10.5	8.4
HEAT RATE (BTU/KWHR)	9690	9840	9600	10000	10190
TOTAL CAPACITY (MW)	2152.0	2152.0	2152.0	2152.0	2152.0
CAPACITY FACTOR	0.55	0.69	0.47	0.56	0.44
FUEL QUALITY:					
COAL SULFUR (%)	.	.	.	.	.
COAL HEAT (BTU/LB)	.	.	.	.	.
COAL ASH (%)	.	.	.	.	.
OIL SULFUR (%)	0.45	0.37	0.37	0.44	0.45

DATA FOR THE 200 LARGEST SO2 EMITTERS (1976-1980)

PLANT: ERICKSON
1980 SO2 RANK 378
STATE: MICHIGAN
ORIS CODE 51593 1832

	1976	1977	1978	1979	1980
SO2 EMISSIONS:					
TOTAL (1000 TONS)	23.7	22.4	13.7	17.5	4.7
COAL (1000 TONS)	23.7	22.4	13.7	17.5	4.7
OIL (1000 TONS)	0.0	0.0	0.0	0.0	0.0
GAS (1000 TONS)	0.0	0.0	0.0	0.0	0.0
SCRUBBER OPERATING?	NO	NO	NO	NO	NO
SO2 REM. (1000 TONS)	0.0	0.0	0.0	0.0	0.0
SO2 EMISSIONS RANK	188	196	256	217	378
FUEL USED:					
COAL (1000 TONS)	471.2	486.2	399.0	464.9	339.5
OIL (1000 BBLS)	1.2	0.9	1.9	1.1	2.0
GAS (1000 MCF)	0.0	0.0	0.0	0.0	0.0
FUEL HEAT VALUE (10**12 BTU):					
COAL	11.5	11.9	9.9	11.7	8.5
OIL	0.0	0.0	0.0	0.0	0.0
GAS	.	.	.	.	.
TOTAL	11.5	11.9	9.9	11.7	8.5
GENERATION (TWHRS)	1.1	1.2	1.0	1.2	0.8
HEAT RATE (BTU/KWHR)	10100	10210	10170	10070	9960
TOTAL CAPACITY (MW)	160.0	160.0	160.0	160.0	160.0
CAPACITY FACTOR	0.81	0.83	0.69	0.83	0.60
FUEL QUALITY:					
COAL SULFUR (%)	2.65	2.42	1.81	1.98	0.73
COAL HEAT (BTU/LB)	12197	12254	12370	12572	12449
COAL ASH (%)	11.61	10.98	10.15	8.91	8.80
OIL SULFUR (%)	0.71	0.74	0.70	0.66	0.67

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              DATA FOR THE 200 LARGEST SO2 EMITTERS (1976-1980)


   PLANT:  ACME
   1980 SO2 RANK  386
   STATE: OHIO
   ORIS CODE  52927 2877

                           1976       1977       1978       1979       1980

   SO2 EMISSIONS:
     TOTAL (1000 TONS)     21.0       27.1       21.1       16.1        4.4
     COAL (1000 TONS)      20.6       26.8       20.7       15.8        4.3
     OIL (1000 TONS)        0.4        0.4        0.3        0.3        0.1
     GAS (1000 TONS)        0.0        0.0        0.0        0.0        0.0

   SCRUBBER OPERATING?       NO         NO         NO         NO         NO
   SO2 REM. (1000 TONS)     0.0        0.0        0.0        0.0        0.0

   SO2 EMISSIONS RANK       200        169        198        231        386

   FUEL USED:
     COAL (1000 TONS)     432.3      509.0      426.6      377.1      324.9
     OIL (1000 BBLS)      102.5      120.6       80.7       88.2       68.2
     GAS (1000 MCF)      1705.6     1882.8     1896.8      883.9      107.9

   FUEL HEAT VALUE (10**12 BTU):
     COAL                  10.3       12.6       10.3        9.1        8.5
     OIL                    0.7        0.7        0.5        0.5        0.4
     GAS                    0.9        1.0        1.1        0.5        0.1

     TOTAL                 11.9       14.3       11.9       10.2        8.9

   GENERATION (TWHRS)       0.9        1.0        0.8        0.7        0.6

   HEAT RATE (BTU/KWHR)   13500      13890      14110      14230      14090

   TOTAL CAPACITY (MW)    307.0      307.0      307.0      307.0      307.0

   CAPACITY FACTOR         0.33       0.38       0.31       0.27       0.23

   FUEL QUALITY:
     COAL SULFUR (%)       2.51       2.77       2.56       2.21       0.69
     COAL HEAT (BTU/LB)   11971      12359      12121      12131      13021
     COAL ASH (%)         13.02      11.70      12.63      10.31       7.05
     OIL SULFUR (%)        1.20       0.87       1.20       1.07       0.35
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DATA FOR THE 200 LARGEST SO2 EMITTERS (1976-1980)

PLANT: WILSON
1980 SO2 RANK 397
STATE: MISSISSIPPI
ORIS CODE 51887 2050

	1976	1977	1978	1979	1980
SO2 EMISSIONS:					
TOTAL (1000 TONS)	22.9	40.0	53.5	36.1	3.9
COAL (1000 TONS)	0.0	0.0	0.0	0.0	0.0
OIL (1000 TONS)	22.9	40.0	53.5	36.1	3.9
GAS (1000 TONS)	0.0	0.0	0.0	0.0	0.0
SCRUBBER OPERATING?	NO	NO	NO	NO	NO
SO2 REM. (1000 TONS)	0.0	0.0	0.0	0.0	0.0
SO2 EMISSIONS RANK	191	132	99	136	397
FUEL USED:					
COAL (1000 TONS)	0.0	0.0	0.0	0.0	0.0
OIL (1000 BBLS)	3047.6	4834.8	6164.9	4252.0	481.3
GAS (1000 MCF)	5342.0	9234.3	5654.8	16483.4	44313.8
FUEL HEAT VALUE (10**12 BTU):					
COAL	.	.	.	.	.
OIL	19.2	30.2	38.7	26.8	3.0
GAS	5.4	9.6	5.9	17.2	46.2
TOTAL	24.7	39.8	44.6	44.0	49.3
GENERATION (TWHRS)	2.3	3.7	4.2	3.9	4.5
HEAT RATE (BTU/KWHR)	10740	10730	10500	11310	11040
TOTAL CAPACITY (MW)	1328.0	1328.0	1328.0	1328.0	1328.0
CAPACITY FACTOR	0.20	0.32	0.37	0.33	0.38
FUEL QUALITY:					
COAL SULFUR (%)	.	.	.	.	.
COAL HEAT (BTU/LB)	.	.	.	.	.
COAL ASH (%)	.	.	.	.	.
OIL SULFUR (%)	2.25	2.48	2.60	2.54	2.43

DATA FOR THE 200 LARGEST SO2 EMITTERS (1976-1980)

PLANT: SAN JUAN
1980 SO2 RANK 423
STATE: NEW MEXICO
ORIS CODE 52412 2451

	1976	1977	1978	1979	1980
SO2 EMISSIONS:					
TOTAL (1000 TONS)	14.9	27.2	14.0	1.6	3.0
COAL (1000 TONS)	14.8	27.2	14.0	1.6	2.7
OIL (1000 TONS)	0.0	0.0	0.0	0.1	0.3
GAS (1000 TONS)	0.0	0.0	0.0	0.0	0.0
SCRUBBER OPERATING?	NO	NO	YES	YES	YES
SO2 REM. (1000 TONS)	0.0	0.0	12.7	28.2	42.5
SO2 EMISSIONS RANK	238	167	254	487	423
FUEL USED:					
COAL (1000 TONS)	981.4	1798.5	1767.4	2186.5	3368.2
OIL (1000 BBLS)	27.1	63.5	68.4	130.5	161.3
GAS (1000 MCF)	0.0	0.0	0.0	0.0	0.0
FUEL HEAT VALUE (10**12 BTU):					
COAL	19.0	34.9	34.1	40.6	61.9
OIL	0.2	0.4	0.4	0.8	0.9
GAS	.	.	.	.	.
TOTAL	19.2	35.3	34.5	41.3	62.9
GENERATION (TWHRS)	1.7	3.2	3.1	4.1	6.1
HEAT RATE (BTU/KWHR)	11010	10860	11100	10050	10230
TOTAL CAPACITY (MW)	358.0	676.0	676.0	676.0	1191.0
CAPACITY FACTOR	0.55	0.55	0.53	0.69	0.59
FUEL QUALITY:					
COAL SULFUR (%)	0.89	0.89	0.89	0.80	0.79
COAL HEAT (BTU/LB)	9700	9700	9656	9276	9193
COAL ASH (%)	21.44	22.40	22.40	18.72	18.40
OIL SULFUR (%)	0.16	0.17	0.08	0.14	0.15

SECTION III

THE UTILITY FUEL QUALITY AND USE DATABASE

The analyses presented in Volume I of this report were based on a detailed plant-specific database developed for EPA by EHPA and installed on EPA's IBM computer in Research Triangle Park, North Carolina. This database has been organized using the Statistical Analysis System (SAS), a software package that provides for simplified database storage and analysis.

The SAS database was developed in steps. First, each of 13 separate micro-databases (see Table III-1) was sorted and extracted from each of the files according to the file type. Tables III-2 through III-6 identify the data elements selected for each of the files used.

Table III-1

INFORMATION INCLUDED IN THE DATABASE

Description	Source
1976 Utility Fuel Delivery Data (FPC Form 423)	Department of Energy
1977 Utility Fuel Delivery Data (FPC Form 423)	Department of Energy
1978 Utility Fuel Delivery Data (FPC Form 423)	Department of Energy
1979 Utility Fuel Delivery Data (FPC Form 423)	Department of Energy
1980 Utility Fuel Delivery Data (FPC Form 423)	Department of Energy
"AIRTEST" Model Plant Inventory with Emissions	Teknekron Research, Inc.
1976 Electric Generation and Fuel Use Data (FPC Form 4)	Department of Energy
1977 Electric Generation and Fuel Use Data (FPC Form 4)	Department of Energy
1978 Electric Generation and Fuel Use Data (FPC Form 4)	Department of Energy
1979 Electric Generation and Fuel Use Data (FPC Form 4)	Department of Energy
1980 Electric Generation and Fuel Use Data (FPC Form 4)	Department of Energy
SO_2 Scrubber Data	Pedco*
1979 Utility SO_2 Emissions	Department of Energy

Note: These data were transcribed from Form 67 and automated by EHPA.

* EPA Utility FGD Survey, data automated by EHPA.

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Table III-2

DATA ELEMENTS EXTRACTED FROM FPC FORM 423

- ORIS* Respondent Code
- ORIS Plant Code
- Year of Data
- FIPS State Code for Plant
- Coal Data
    - Coal Delivered (1,000 tons)
    - Coal Heating Value (Btu per pound)
    - Coal Sulfur Content (percent by weight)
    - Coal Ash Content (percent by weight)
    - Coal Cost (cents/MMBtu)
- Oil Data
    - Oil Delivered (1,000 barrels)
    - Oil Heating Value (Btu per gallon)
    - Oil Sulfur Content (percent by weight)
    - Oil Ash Content (percent by weight)
    - Oil Cost (cents/MMBtu)
- Gas Data
    - Gas Delivered (1,000 MCF)
    - Gas Heating Value (Btu per cubic foot)
    - Gas Cost (cents/MMBtu)

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* Office of Regulatory Information Systems

Table III-3

DATA ELEMENTS EXTRACTED FROM AIRTEST

- State Two Character Code
- FIPS State Code
- Plant Name Abbreviation
- FIPS County Code
- Form 67 Utility Code
- Form 67 Plant Code
- Total Plant Capacity (MW)
- Total Plant SO_2 Emissions (1,000 tons)
- Coal Data
  - Sulfur Content (percent by weight)
  - Ash Content (percent by weight)
  - Heating Value (Btu per pound)
  - Heat Rate (Btu per Kwh)
  - Coal Capacity Factor (fraction)
  - Coal Capacity (MW)
  - Coal SO_2 Emissions (1,000 tons)
- Oil Data
  - Sulfur Content (percent by weight)
  - Ash Content (percent by weight)
  - Heating Value (Btu per gallon)
  - Heat Rate (Btu per Kwh)
  - Oil Capacity Factor (fraction)
  - Oil Capacity (MW)
  - Oil SO_2 Emissions (1,000 tons)
- Gas Data
  - Heating Value (Btu per CF)
  - Heat Rate (Btu per Kwh)
  - Gas Capacity Factor (fraction)
  - Gas Capacity (MW)
  - Gas SO_2 Emissions (1,000 tons)

Table III-4

DATA ELEMENTS EXTRACTED FROM FORM 4

- ORIS Respondent Code
- ORIS Plant Code
- FIPS State Code
- Average Plant Capacity (MW)
- Generation from Coal (Mwhr)
- Generation from Residual Oil (Mwhr)
- Generation from Gas (Mwhr)
- Generation from Distillate Oil (Mwhr)
- Coal Burned (1,000 tons)
- Residual Oil Burned (1,000 bbls)
- Gas Burned (1,000 MCF)
- Distillate Oil Burned (1,000 bbls)

Table III-5

DATA ELEMENTS CONCERNING SO_2 SCRUBBERS

- ORIS Respondent Code
- ORIS Plant Code
- Equivalent Full Scrubber Capacity in 1970 (MW)
- Equivalent Full Scrubber Capacity in 1971 (MW)
- Equivalent Full Scrubber Capacity in 1972 (MW)
- Equivalent Full Scrubber Capacity in 1973 (MW)
- Equivalent Full Scrubber Capacity in 1974 (MW)
- Equivalent Full Scrubber Capacity in 1975 (MW)
- Equivalent Full Scrubber Capacity in 1976 (MW)
- Equivalent Full Scrubber Capacity in 1977 (MW)
- Equivalent Full Scrubber Capacity in 1978 (MW)
- Equivalent Full Scrubber Capacity in 1979 (MW)
- Equivalent Full Scrubber Capacity in 1980 (MW)

Table III-6

DATA ELEMENTS EXTRACTED FROM FORM 67

- ORIS Plant Code
- Estimated SO_2 Emissions (1,000 tons)

APPENDIX A

DIRECTORY OF THE 200 LARGEST SO2 EMITTERS (1976-1980)
ALPHABETIC INDEX OF PLANTS

PLANT NAME	STATE	1980 RANK
ACME	OHIO	386
ALBANY	NEW YORK	183
ALBRIGHT	WEST VIRGINIA	171
ALLEN	NORTH CAROLINA	128
ALLEN	TENNESSEE	66
ALMA-MADGETT	WISCONSIN	188
AMOS	WEST VIRGINIA	40
ANCLOTE	FLORIDA	87
ARMSTRONG	PENNSYLVANIA	143
ASBURY	MISSOURI	79
ASHEVILLE	NORTH CAROLINA	219
ASHTABULA	OHIO	71
AVON LAKE	OHIO	50
BAILLY	INDIANA	101
BALDWIN	ILLINOIS	6
BARRY	ALABAMA	111
BARTOW	FLORIDA	184
BAY SHORE	OHIO	194
BECKJORD	OHIO	56
BELEWS CREEK	NORTH CAROLINA	52
BIG BEND	FLORIDA	24
BIG BROWN	TEXAS	95
BIG SANDY	KENTUCKY	86
BIG STONE	SOUTH DAKOTA	168
BLACK DOG	MINNESOTA	268
BOSWELL	MINNESOTA	147
BOWEN	GEORGIA	7
BRAYTON	MASSACHUSETTS	58
BREED	INDIANA	68
BROWN	KENTUCKY	90
BRUCE MANSFIELD	PENNSYLVANIA	88
BRUNNER ISLAND	PENNSYLVANIA	27
BULL RUN	TENNESSEE	118
BURGER	OHIO	55
BURLINGTON	IOWA	196
CAMPBELL	MICHIGAN	78
CANADYS	SOUTH CAROLINA	154
CANAL	MASSACHUSETTS	69
CANE RUN	KENTUCKY	133
CAPE CANAVERAL	FLORIDA	150
CARDINAL	OHIO	32
CAYUGA	INDIANA	35
CENTRALIA	WASHINGTON	73
CHALK	MARYLAND	97
CHESTERFIELD	VIRGINIA	151
CHESWICK	PENNSYLVANIA	122
CLIFFSIDE	NORTH CAROLINA	140
CLIFTY CREEK	INDIANA	5
CLINCH RIVER	VIRGINIA	187
COBB-SANDUSKY SG	MICHIGAN	102
COFFEEN	ILLINOIS	28
COLBERT	ALABAMA	33
COLEMAN	KENTUCKY	72
COLLINS	ILLINOIS	220
COLUMBIA	WISCONSIN	134

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DIRECTORY OF THE 200 LARGEST SO2 EMITTERS (1976-1980)
ALPHABETIC INDEX OF PLANTS

PLANT NAME	STATE	1980 RANK
CONEMAUGH	PENNSYLVANIA	14
CONESVILLE	OHIO	16
COOPER	KENTUCKY	214
CRIST	FLORIDA	63
CRYSTAL RIVER	FLORIDA	67
CULLEY	INDIANA	81
CUMBERLAND	TENNESSEE	2
DALLMAN	ILLINOIS	107
DES MOINES	IOWA	278
DICKERSON	MARYLAND	132
DUNKIRK	NEW YORK	93
EASTLAKE	OHIO	23
ECKERT	MICHIGAN	300
EDDYSTONE	PENNSYLVANIA	141
EDGEWATER	OHIO	255
EDGEWATER	WISCONSIN	85
EDWARDS	ILLINOIS	239
ENGLAND	NEW JERSEY	115
ERICKSON	MICHIGAN	378
FORT MYERS	FLORIDA	130
FOUR CORNERS	NEW MEXICO	60
FRANK E RATTS	INDIANA	100
FT MARTIN	WEST VIRGINIA	44
GALLAGHER	INDIANA	84
GALLATIN	TENNESSEE	29
GANNON	FLORIDA	114
GASTON	ALABAMA	21
GAVIN	OHIO	1
GENOA NO.3	WISCONSIN	129
GEORGETOWN	SOUTH CAROLINA	200
GERALD ANDRUS	MISSISSIPPI	124
GHENT	KENTUCKY	53
GIBSON STATION	INDIANA	4
GORGAS 2 AND 3	ALABAMA	57
GRAND TOWER	ILLINOIS	195
GREEN RIVER	KENTUCKY	288
GREENE	ALABAMA	164
GREENIDGE	NEW YORK	175
HAMMOND	GEORGIA	104
HARLLEE BRANCH	GEORGIA	89
HARRISON	WEST VIRGINIA	11
HATFIELD	PENNSYLVANIA	19
HAWTHORNE	MISSOURI	108
HENDERSON II	KENTUCKY	98
HENNEPIN	ILLINOIS	126
HIGH BRIDGE	MINNESOTA	221
HILL	MISSOURI	34
HOMER CITY	PENNSYLVANIA	20
HUDSON	NEW JERSEY	204
HUNTLEY	NEW YORK	96
HUTSONVILLE	ILLINOIS	230
INDIAN RIVER	DELAWARE	162
J T DEELY	TEXAS	131
JAMES RIVER	MISSOURI	207
JEFFERIES	SOUTH CAROLINA	167

DIRECTORY OF THE 200 LARGEST SO2 EMITTERS (1976-1980)
ALPHABETIC INDEX OF PLANTS

PLANT NAME	STATE	1980 RANK
JEFFREY ENERGY CN	KANSAS	271
JIM BRIDGER	WYOMING	125
JOHNSONVILLE	TENNESSEE	31
JOHNSTON	WYOMING	165
JOLIET	ILLINOIS	158
JOPPA	ILLINOIS	41
KAHE	HAWAII	170
KAMMER	WEST VIRGINIA	25
KAPP	IOWA	142
KARN-WEADOCK	MICHIGAN	145
KEYSTONE	PENNSYLVANIA	26
KINCAID	ILLINOIS	13
KING	MINNESOTA	135
KINGSTON	TENNESSEE	51
KYGER CREEK	OHIO	15
LA CYGNE	KANSAS	61
LABADIE	MISSOURI	9
LAKE SHORE	OHIO	311
LAKEROAD	MISSOURI	243
LELAND OLDS	NORTH DAKOTA	136
MADRID	MISSOURI	17
MANATEE	FLORIDA	155
MARION	ILLINOIS	226
MARSHALL	NORTH CAROLINA	54
MARTIN LAKE	TEXAS	113
MARTINS CREEK	PENNSYLVANIA	83
MCDONOUGH	GEORGIA	148
MERAMEC	MISSOURI	156
MERCER	NEW JERSEY	185
MEREDOSIA	ILLINOIS	103
MERRIMACK	NEW HAMPSHIRE	91
MIAMI FORT	OHIO	49
MICHIGAN CITY	INDIANA	65
MILL CREEK	KENTUCKY	46
MILLIKEN	NEW YORK	157
MITCHELL	PENNSYLVANIA	178
MITCHELL	WEST VIRGINIA	18
MOHAVE	NEVADA	137
MONROE	MICHIGAN	10
MONTICELLO	TEXAS	74
MONTOUR	PENNSYLVANIA	37
MONTROSE	MISSOURI	22
MORGANTOWN	MARYLAND	47
MOSS LANDING	CALIFORNIA	361
MOUNT STORM	WEST VIRGINIA	48
MUSKINGUM	OHIO	8
MYSTIC	MASSACHUSETTS	173
NAUGHTON	WYOMING	146
NAVAJO	ARIZONA	82
NEAL	IOWA	110
NELSON DEWEY	WISCONSIN	153
NEW CASTLE	PENNSYLVANIA	193
NEWTON	ILLINOIS	340
NILES	OHIO	179
NORTH OMAHA	NEBRASKA	191

DIRECTORY OF THE 200 LARGEST SO2 EMITTERS (1976-1980)
ALPHABETIC INDEX OF PLANTS

PLANT NAME	STATE	1980 RANK
NORTHPORT	NEW YORK	62
NORTHSIDE	FLORIDA	160
OAK CREEK	WISCONSIN	106
OSWEGO	NEW YORK	190
PARADISE	KENTUCKY	3
PARISH	TEXAS	117
PETERSBURG	INDIANA	38
PITTSBURG	CALIFORNIA	346
PORT EVERGLADES	FLORIDA	215
PORT JEFFERSON	NEW YORK	172
PORT WASHINGTON	WISCONSIN	105
PORT WENTWORTH	GEORGIA	262
PORTLAND	PENNSYLVANIA	144
PORTSMOUTH	VIRGINIA	267
POSSUM POINT	VIRGINIA	159
POSTON	OHIO	149
POWERTON	ILLINOIS	176
PRESQUE ISLE	MICHIGAN	197
PRITCHARD	INDIANA	205
PULLIAM	WISCONSIN	120
QUINDARO	KANSAS	174
RIVER ROUGE	MICHIGAN	211
RIVERBEND	NORTH CAROLINA	192
RIVERSIDE	IOWA	231
RIVERSIDE	MINNESOTA	222
ROCHESTER 7	NEW YORK	163
ROLLIN SCHAHFER	INDIANA	180
ROSETON	NEW YORK	92
ROXBORO	NORTH CAROLINA	70
RUSH ISLAND	MISSOURI	94
S OAK CREEK	WISCONSIN	64
SALEM HARBOR	MASSACHUSETTS	127
SAMMIS	OHIO	30
SAN JUAN	NEW MEXICO	423
SANFORD	FLORIDA	152
SEVIER	TENNESSEE	59
SEWARD	PENNSYLVANIA	181
SHAWNEE	KENTUCKY	43
SHAWVILLE	PENNSYLVANIA	80
SHERBURNE COUNTY	MINNESOTA	138
SIBLEY	MISSOURI	121
SIOUX	MISSOURI	42
SMITH	KENTUCKY	112
SPORN	WEST VIRGINIA	119
ST CLAIR	MICHIGAN	109
STOUT	INDIANA	99
STUART	OHIO	36
SUNBURY	PENNSYLVANIA	123
SUTHERLAND	IOWA	177
SUTTON	NORTH CAROLINA	189
TANNERS CREEK	INDIANA	45
TORONTO	OHIO	182
TRENTON CHANNEL	MICHIGAN	198
TURKEY POINT	FLORIDA	274
VALLEY	WISCONSIN	139

DIRECTORY OF THE 200 LARGEST SO_2 EMITTERS (1976-1980)
ALPHABETIC INDEX OF PLANTS

PLANT NAME	STATE	1980 RANK
VERMILION	ILLINOIS	166
WABASH RIVER	INDIANA	76
WAGNER	MARYLAND	224
WANSLEY	GEORGIA	12
WARRICK	INDIANA	186
WATEREE	SOUTH CAROLINA	116
WATSON	MISSISSIPPI	77
WATTS BAR	TENNESSEE	210
WEADOCK-SANDUSKY	MICHIGAN	276
WESTON	WISCONSIN	199
WIDOWS CREEK	ALABAMA	75
WILL COUNTY	ILLINOIS	209
WILLIAMS	SOUTH CAROLINA	246
WILSON	MISSISSIPPI	397
YATES	GEORGIA	39
YORKTOWN	VIRGINIA	161
YOUNG	NORTH DAKOTA	169

APPENDIX B

DIRECTORY OF THE 200 LARGEST SO2 EMITTERS (1976-1980)

INDEX OF PLANTS BY STATE

-------------------------- STATE=ALABAMA ----------------------

PLANT NAME	1980 RANK
BARRY	111
COLBERT	33
GASTON	21
GORGAS 2 AND 3	57
GREENE	164
WIDOWS CREEK	75

-------------------------- STATE=ARIZONA ----------------------

PLANT NAME	1980 RANK
NAVAJO	82

------------------------ STATE=CALIFORNIA --------------------

PLANT NAME	1980 RANK
MOSS LANDING	361
PITTSBURG	346

-------------------------- STATE=DELAWARE ----------------------

PLANT NAME	1980 RANK
INDIAN RIVER	162

-------------------------- STATE=FLORIDA ----------------------

PLANT NAME	1980 RANK
ANCLOTE	87
BARTOW	184
BIG BEND	24
CAPE CANAVERAL	150
CRIST	63
CRYSTAL RIVER	67
FORT MYERS	130
GANNON	114
MANATEE	155
NORTHSIDE	160
PORT EVERGLADES	215
SANFORD	152
TURKEY POINT	274

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DIRECTORY OF THE 200 LARGEST SO2 EMITTERS (1976-1980)
INDEX OF PLANTS BY STATE

---------------------------- STATE=GEORGIA ----------------------

PLANT NAME	1980 RANK
BOWEN	7
HAMMOND	104
HARLLEE BRANCH	89
MCDONOUGH	148
PORT WENTWORTH	262
WANSLEY	12
YATES	39

---------------------------- STATE=HAWAII ----------------------

PLANT NAME	1980 RANK
KAHE	170

---------------------------- STATE=ILLINOIS ----------------------

PLANT NAME	1980 RANK
BALDWIN	6
COFFEEN	28
COLLINS	220
DALLMAN	107
EDWARDS	239
GRAND TOWER	195
HENNEPIN	126
HUTSONVILLE	230
JOLIET	158
JOPPA	41
KINCAID	13
MARION	226
MEREDOSIA	103
NEWTON	340
POWERTON	176
VERMILION	166
WILL COUNTY	209

---------------------------- STATE=INDIANA ----------------------

PLANT NAME	1980 RANK
BAILLY	101
BREED	68
CAYUGA	35
CLIFTY CREEK	5
CULLEY	81
FRANK E RATTS	100
GALLAGHER	84
GIBSON STATION	4
MICHIGAN CITY	65
PETERSBURG	38

DIRECTORY OF THE 200 LARGEST SO2 EMITTERS (1976-1980)
INDEX OF PLANTS BY STATE

STATE=INDIANA

PLANT NAME	1980 RANK
PRITCHARD	205
ROLLIN SCHAHFER	180
STOUT	99
TANNERS CREEK	45
WABASH RIVER	76
WARRICK	186

STATE=IOWA

PLANT NAME	1980 RANK
BURLINGTON	196
DES MOINES	278
KAPP	142
NEAL	110
PIVERSIDE	231
SUTHERLAND	177

STATE=KANSAS

PLANT NAME	1980 RANK
JEFFREY ENERGY CN	271
LA CYGNE	61
QUINDARO	174

STATE=KENTUCKY

PLANT NAME	1980 RANK
BIG SANDY	86
BROWN	90
CANE RUN	133
COLEMAN	72
COOPER	214
GHENT	53
GREEN RIVER	288
HENDERSON II	98
MILL CREEK	46
PARADISE	3
SHAWNEE	43
SMITH	112

DIRECTORY OF THE 200 LARGEST SO2 EMITTERS (1976-1980)
INDEX OF PLANTS BY STATE

STATE=MARYLAND

PLANT NAME	1980 RANK
CHALK	97
DICKERSON	132
MORGANTOWN	47
WAGNER	224

STATE=MASSACHUSETTS

PLANT NAME	1980 RANK
BRAYTON	58
CANAL	69
MYSTIC	173
SALEM HARBOR	127

STATE=MICHIGAN

PLANT NAME	1980 RANK
CAMPBELL	78
COBB-SANDUSKY SG	102
ECKERT	300
ERICKSON	378
KARN-WEADOCK	145
MONROE	10
PRESQUE ISLE	197
RIVER ROUGE	211
ST CLAIR	109
TRENTON CHANNEL	198
WEADOCK-SANDUSKY	276

STATE=MINNESOTA

PLANT NAME	1980 RANK
BLACK DOG	268
BOSWELL	147
HIGH BRIDGE	221
KING	135
RIVERSIDE	222
SHERBURNE COUNTY	138

STATE=MISSISSIPPI

PLANT NAME	1980 RANK
GERALD ANDRUS	124
WATSON	77
WILSON	397

DIRECTORY OF THE 200 LARGEST SO2 EMITTERS (1976-1980)
INDEX OF PLANTS BY STATE

------------------------- STATE=MISSOURI -------------------------

PLANT NAME	1980 RANK
ASBURY	79
HAWTHORNE	108
HILL	34
JAMES RIVER	207
LABADIE	9
LAKEROAD	243
MADRID	17
MERAMEC	156
MONTROSE	22
RUSH ISLAND	94
SIBLEY	121
SIOUX	42

------------------------- STATE=NEBRASKA -------------------------

PLANT NAME	1980 RANK
NORTH OMAHA	191

------------------------- STATE=NEVADA -------------------------

PLANT NAME	1980 RANK
MOHAVE	137

------------------------- STATE=NEW HAMPSHIRE -------------------------

PLANT NAME	1980 RANK
MERRIMACK	91

------------------------- STATE=NEW JERSEY -------------------------

PLANT NAME	1980 RANK
ENGLAND	115
HUDSON	204
MERCER	185

------------------------- STATE=NEW MEXICO -------------------------

PLANT NAME	1980 RANK
FOUR CORNERS	60
SAN JUAN	423

DIRECTORY OF THE 200 LARGEST SO2 EMITTERS (1976-1980)
INDEX OF PLANTS BY STATE

------------------------- STATE=NEW YORK ---------------------

PLANT NAME	1980 RANK
ALBANY	183
DUNKIRK	93
GREENIDGE	175
HUNTLEY	96
MILLIKEN	157
NORTHPORT	62
OSWEGO	190
PORT JEFFERSON	172
ROCHESTER 7	163
ROSETON	92

---------------------- STATE=NORTH CAROLINA ------------------

PLANT NAME	1980 RANK
ALLEN	128
ASHEVILLE	219
BELEWS CREEK	52
CLIFFSIDE	140
MARSHALL	54
RIVERBEND	192
ROXBORO	70
SUTTON	189

---------------------- STATE=NORTH DAKOTA -------------------

PLANT NAME	1980 RANK
LELAND OLDS	136
YOUNG	169

--------------------------- STATE=OHIO ---------------------

PLANT NAME	1980 RANK
ACME	386
ASHTABULA	71
AVON LAKE	50
BAY SHORE	194
BECKJORD	56
BURGER	55
CARDINAL	32
CONESVILLE	16
EASTLAKE	23
EDGEWATER	255
GAVIN	1
KYGER CREEK	15
LAKE SHORE	311
MIAMI FORT	49
MUSKINGUM	8

DIRECTORY OF THE 200 LARGEST SO2 EMITTERS (1976-1980)
INDEX OF PLANTS BY STATE

STATE=OHIO

PLANT NAME	1980 RANK
NILES	179
POSTON	149
SAMMIS	30
STUART	36
TORONTO	182

STATE=PENNSYLVANIA

PLANT NAME	1980 RANK
ARMSTRONG	143
BRUCE MANSFIELD	88
BRUNNER ISLAND	27
CHESWICK	122
CONEMAUGH	14
EDDYSTONE	141
HATFIELD	19
HOMER CITY	20
KEYSTONE	26
MARTINS CREEK	83
MITCHELL	178
MONTOUR	37
NEW CASTLE	193
PORTLAND	144
SEWARD	181
SHAWVILLE	80
SUNBURY	123

STATE=SOUTH CAROLINA

PLANT NAME	1980 RANK
CANADYS	154
GEORGETOWN	200
JEFFERIES	167
WATEREE	116
WILLIAMS	246

STATE=SOUTH DAKOTA

PLANT NAME	1980 RANK
BIG STONE	168

DIRECTORY OF THE 200 LARGEST SO2 EMITTERS (1976-1980)
INDEX OF PLANTS BY STATE

------------------------- STATE=TENNESSEE --------------------

PLANT NAME	1980 RANK
ALLEN	66
BULL RUN	118
CUMBERLAND	2
GALLATIN	29
JOHNSONVILLE	31
KINGSTON	51
SEVIER	59
WATTS BAR	210

---------------------------- STATE=TEXAS ---------------------

PLANT NAME	1980 RANK
BIG BROWN	95
J T DEELY	131
MARTIN LAKE	113
MONTICELLO	74
PARISH	117

------------------------- STATE=VIRGINIA --------------------

PLANT NAME	1980 RANK
CHESTERFIELD	151
CLINCH RIVER	187
PORTSMOUTH	267
POSSUM POINT	159
YORKTOWN	161

------------------------ STATE=WASHINGTON -------------------

PLANT NAME	1980 RANK
CENTRALIA	73

----------------------- STATE=WEST VIRGINIA -----------------

PLANT NAME	1980 RANK
ALBRIGHT	171
AMOS	40
FT MARTIN	44
HARRISON	11
KAMMER	25
MITCHELL	18
MOUNT STORM	48
SPORN	119

DIRECTORY OF THE 200 LARGEST SO2 EMITTERS (1976-1980)
INDEX OF PLANTS BY STATE

------------------------- STATE=WISCONSIN --------------------

PLANT NAME	1980 RANK
ALMA-MADGETT	188
COLUMBIA	134
EDGEWATER	85
GENOA NO.3	129
NELSON DEWEY	153
OAK CREEK	106
PORT WASHINGTON	105
PULLIAM	120
S OAK CREEK	64
VALLEY	139
WESTON	199

-------------------------- STATE=WYOMING --------------------

PLANT NAME	1980 RANK
JIM BRIDGER	125
JOHNSTON	165
NAUGHTON	146

APPENDIX C

DIRECTORY OF THE 200 LARGEST SO_2 EMITTERS (1976-1980)
INDEX OF PLANTS BY FORM 4 RESPONDING ENTITY

RESPONDENT=ALABAMA POWER CO

PLANT NAME	STATE	1980 RANK
BARRY	ALABAMA	111
GASTON	ALABAMA	21
GORGAS 2 AND 3	ALABAMA	57
GREENE	ALABAMA	164

RESPONDENT=APPALACHIAN POWER CO

PLANT NAME	STATE	1980 RANK
AMOS	WEST VIRGINIA	40
CLINCH RIVER	VIRGINIA	187

RESPONDENT=ARIZONA PUBLIC SERVICE CO

PLANT NAME	STATE	1980 RANK
FOUR CORNERS	NEW MEXICO	60

RESPONDENT=ASSOCIATED ELEC COOP

PLANT NAME	STATE	1980 RANK
HILL	MISSOURI	34
MADRID	MISSOURI	17

RESPONDENT=ATLANTIC CITY ELEC CO

PLANT NAME	STATE	1980 RANK
ENGLAND	NEW JERSEY	115

RESPONDENT=BALTIMORE GAS & ELEC CO

PLANT NAME	STATE	1980 RANK
WAGNER	MARYLAND	224

RESPONDENT=BASIN ELEC POWER COOP

PLANT NAME	STATE	1980 RANK
LELAND OLDS	NORTH DAKOTA	136

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DIRECTORY OF THE 200 LARGEST SO2 EMITTERS (1976-1980)
INDEX OF PLANTS BY FORM 4 RESPONDING ENTITY

RESPONDENT=BIG RIVERS ELECTRIC CORP

PLANT NAME	STATE	1980 RANK
COLEMAN	KENTUCKY	72
HENDERSON II	KENTUCKY	98

RESPONDENT=BOSTON EDISON CO

PLANT NAME	STATE	1980 RANK
MYSTIC	MASSACHUSETTS	173

RESPONDENT=CARDINAL OPERATING CO

PLANT NAME	STATE	1980 RANK
CARDINAL	OHIO	32

RESPONDENT=CAROLINA POWER & LIGHT CO

PLANT NAME	STATE	1980 RANK
ASHEVILLE	NORTH CAROLINA	219
ROXBORO	NORTH CAROLINA	70
SUTTON	NORTH CAROLINA	189

RESPONDENT=CENTRAL HUDSON GAS & ELEC

PLANT NAME	STATE	1980 RANK
ROSETON	NEW YORK	92

RESPONDENT=CENTRAL ILL PUBLIC SER CO

PLANT NAME	STATE	1980 RANK
COFFEEN	ILLINOIS	28
GRAND TOWER	ILLINOIS	195
HUTSONVILLE	ILLINOIS	230
MEREDOSIA	ILLINOIS	103
NEWTON	ILLINOIS	340

RESPONDENT=CENTRAL ILLINOIS LIGHT CO

PLANT NAME	STATE	1980 RANK
EDWARDS	ILLINOIS	239

DIRECTORY OF THE 200 LARGEST SO2 EMITTERS (1976-1980)
INDEX OF PLANTS BY FORM 4 RESPONDING ENTITY

----------------RESPONDENT=CENTRAL OPERATING CO ----------------

PLANT NAME	STATE	1980 RANK
SPORN	WEST VIRGINIA	119

----------------RESPONDENT=CINCINNATI GAS ELEC CO ---------------

PLANT NAME	STATE	1980 RANK
BECKJORD	OHIO	56
MIAMI FORT	OHIO	49

----------------RESPONDENT=CLEVELAND ELEC ILLUM CO ---------------

PLANT NAME	STATE	1980 RANK
ASHTABULA	OHIO	71
AVON LAKE	OHIO	50
EASTLAKE	OHIO	23
LAKE SHORE	OHIO	311

----------------RESPONDENT=COLUMBUS & S OH ELEC CO ---------------

PLANT NAME	STATE	1980 RANK
CONESVILLE	OHIO	16
POSTON	OHIO	149

----------------RESPONDENT=COMMONWEALTH EDISON CO ---------------

PLANT NAME	STATE	1980 RANK
COLLINS	ILLINOIS	220
JOLIET	ILLINOIS	158
KINCAID	ILLINOIS	13
POWERTON	ILLINOIS	176
WILL COUNTY	ILLINOIS	209

------------------RESPONDENT=CONSUMERS POWER CO ----------------

PLANT NAME	STATE	1980 RANK
CAMPBELL	MICHIGAN	78
COBB-SANDUSKY SG	MICHIGAN	102
KARN-WEADOCK	MICHIGAN	145
WEADOCK-SANDUSKY	MICHIGAN	276

DIRECTORY OF THE 200 LARGEST SO2 EMITTERS (1976-1980)
INDEX OF PLANTS BY FORM 4 RESPONDING ENTITY

RESPONDENT=DAIRYLAND POWER COOP

PLANT NAME	STATE	1980 RANK
ALMA-MADGETT	WISCONSIN	188
GENOA NO.3	WISCONSIN	129

RESPONDENT=DAYTON PWR & LGT CO (THE)

PLANT NAME	STATE	1980 RANK
STUART	OHIO	36

RESPONDENT=DELMARVA POWER & LIGHT CO

PLANT NAME	STATE	1980 RANK
INDIAN RIVER	DELAWARE	162

RESPONDENT=DETROIT EDISON CO (THE)

PLANT NAME	STATE	1980 RANK
MONROE	MICHIGAN	10
RIVER ROUGE	MICHIGAN	211
ST CLAIR	MICHIGAN	109
TRENTON CHANNEL	MICHIGAN	198

RESPONDENT=DUKE POWER CO

PLANT NAME	STATE	1980 RANK
ALLEN	NORTH CAROLINA	128
BELEWS CREEK	NORTH CAROLINA	52
CLIFFSIDE	NORTH CAROLINA	140
MARSHALL	NORTH CAROLINA	54
RIVERBEND	NORTH CAROLINA	192

RESPONDENT=DUQUESNE LGT CO

PLANT NAME	STATE	1980 RANK
CHESWICK	PENNSYLVANIA	122

RESPONDENT=EAST KY RURAL ELEC COOP

PLANT NAME	STATE	1980 RANK
COOPER	KENTUCKY	214

DIRECTORY OF THE 200 LARGEST SO2 EMITTERS (1976-1980)
INDEX OF PLANTS BY FORM 4 RESPONDING ENTITY

-------------------RESPONDENT=ELECTRIC ENERGY INC -----------------

PLANT NAME	STATE	1980 RANK
JOPPA	ILLINOIS	41

-----------------RESPONDENT=EMPIRE DISTRICT ELEC CO ---------------

PLANT NAME	STATE	1980 RANK
ASBURY	MISSOURI	79

-----------------RESPONDENT=FLORIDA POWER & LIGHT CO --------------

PLANT NAME	STATE	1980 RANK
CAPE CANAVERAL	FLORIDA	150
FORT MYERS	FLORIDA	130
MANATEE	FLORIDA	155
PORT EVERGLADES	FLORIDA	215
SANFORD	FLORIDA	152
TURKEY POINT	FLORIDA	274

----------------RESPONDENT=FLORIDA POWER CORPORATION --------------

PLANT NAME	STATE	1980 RANK
ANCLOTE	FLORIDA	87
BARTOW	FLORIDA	184
CRYSTAL RIVER	FLORIDA	67

--------------------RESPONDENT=GEORGIA POWER CO ------------------

PLANT NAME	STATE	1980 RANK
BOWEN	GEORGIA	7
HAMMOND	GEORGIA	104
HARLLEE BRANCH	GEORGIA	89
MCDONOUGH	GEORGIA	148
WANSLEY	GEORGIA	12
YATES	GEORGIA	39

-------------------RESPONDENT=GULF POWER COMPANY -----------------

PLANT NAME	STATE	1980 RANK
CRIST	FLORIDA	63

DIRECTORY OF THE 200 LARGEST SO2 EMITTERS (1976-1980)
INDEX OF PLANTS BY FORM 4 RESPONDING ENTITY

------------------RESPONDENT=HAWAIIAN ELEC CO INC ----------------

PLANT NAME	STATE	1980 RANK
KAHE	HAWAII	170

----------------RESPONDENT=HOOSIER ENERGY IN ST REC --------------

PLANT NAME	STATE	1980 RANK
FRANK E RATTS	INDIANA	100

---------------RESPONDENT=HOUSTON LIGHTING & PWR CO --------------

PLANT NAME	STATE	1980 RANK
PARISH	TEXAS	117

-------------------RESPONDENT=ILLINOIS POWER CO ------------------

PLANT NAME	STATE	1980 RANK
BALDWIN	ILLINOIS	6
HENNEPIN	ILLINOIS	126
VERMILION	ILLINOIS	166

-----------------RESPONDENT=IND & MICH ELECTRIC CO ---------------

PLANT NAME	STATE	1980 RANK
BREED	INDIANA	68
TANNERS CREEK	INDIANA	45

---------------RESPONDENT=INDIANA-KETUCKY ELEC CORP --------------

PLANT NAME	STATE	1980 RANK
CLIFTY CREEK	INDIANA	5

---------------RESPONDENT=INDIANAPOLIS PWR & LGT CO --------------

PLANT NAME	STATE	1980 RANK
PETERSBURG	INDIANA	38
PRITCHARD	INDIANA	205
STOUT	INDIANA	99

DIRECTORY OF THE 200 LARGEST SO2 EMITTERS (1976-1980)
INDEX OF PLANTS BY FORM 4 RESPONDING ENTITY

-----------------RESPONDENT=INTERSTATE POWER CO -----------------

PLANT NAME	STATE	1980 RANK
KAPP	IOWA	142

----------------RESPONDENT=IOWA ELEC LGT & PWR CO ---------------

PLANT NAME	STATE	1980 RANK
SUTHERLAND	IOWA	177

---------------RESPONDENT=IOWA ILLINOIS GAS & ELEC --------------

PLANT NAME	STATE	1980 RANK
RIVERSIDE	IOWA	231

----------------RESPONDENT=IOWA POWER & LIGHT CO ----------------

PLANT NAME	STATE	1980 RANK
DES MOINES	IOWA	278

----------------RESPONDENT=IOWA PUBLIC SERVICE CO ---------------

PLANT NAME	STATE	1980 RANK
NEAL	IOWA	110

----------------RESPONDENT=IOWA SOUTHERN UTILS CO ---------------

PLANT NAME	STATE	1980 RANK
BURLINGTON	IOWA	196

----------------RESPONDENT=JACKSONVILLE (CITY OF) ---------------

PLANT NAME	STATE	1980 RANK
NORTHSIDE	FLORIDA	160

----------------RESPONDENT=KANSAS CITY (CITY OF) ----------------

PLANT NAME	STATE	1980 RANK
QUINDARO	KANSAS	174

DIRECTORY OF THE 200 LARGEST SO2 EMITTERS (1976-1980)
INDEX OF PLANTS BY FORM 4 RESPONDING ENTITY

----------------RESPONDENT=KANSAS CITY PWR & LGT CO --------------

PLANT NAME	STATE	1980 RANK
HAWTHORNE	MISSOURI	108
LA CYGNE	KANSAS	61
MONTROSE	MISSOURI	22

----------------RESPONDENT=KANSAS POWER & LIGHT CO ---------------

PLANT NAME	STATE	1980 RANK
JEFFREY ENERGY CN	KANSAS	271

-------------------RESPONDENT=KENTUCKY POWER CO ------------------

PLANT NAME	STATE	1980 RANK
BIG SANDY	KENTUCKY	86

-----------------RESPONDENT=KENTUCKY UTILITIES CO ----------------

PLANT NAME	STATE	1980 RANK
BROWN	KENTUCKY	90
GHENT	KENTUCKY	53
GREEN RIVER	KENTUCKY	288

-------------------RESPONDENT=LANSING (CITY OF) ------------------

PLANT NAME	STATE	1980 RANK
ECKERT	MICHIGAN	300
ERICKSON	MICHIGAN	378

----------------RESPONDENT=LONG ISLAND LIGHTING CO ---------------

PLANT NAME	STATE	1980 RANK
NORTHPORT	NEW YORK	62
PORT JEFFERSON	NEW YORK	172

----------------RESPONDENT=LOUISVILLE GAS & ELEC CO --------------

PLANT NAME	STATE	1980 RANK
CANE RUN	KENTUCKY	133
MILL CREEK	KENTUCKY	46

DIRECTORY OF THE 200 LARGEST SO2 EMITTERS (1976-1980)
INDEX OF PLANTS BY FORM 4 RESPONDING ENTITY

-----------------RESPONDENT=METROPOLITAN EDISON CO --------------

PLANT NAME	STATE	1980 RANK
PORTLAND	PENNSYLVANIA	144

----------------RESPONDENT=MINNESOTA POWER & LGT CO --------------

PLANT NAME	STATE	1980 RANK
BOSWELL	MINNESOTA	147

----------------RESPONDENT=MINNKOTA POWER COOP INC --------------

PLANT NAME	STATE	1980 RANK
YOUNG	NORTH DAKOTA	169

-----------------RESPONDENT=MISSISSIPPI POWER CO ---------------

PLANT NAME	STATE	1980 RANK
WATSON	MISSISSIPPI	77

----------------RESPONDENT=MISSISSIPPI PWR & LGT CO --------------

PLANT NAME	STATE	1980 RANK
GERALD ANDRUS	MISSISSIPPI	124
WILSON	MISSISSIPPI	397

---------------RESPONDENT=MISSOURI PUBLIC SERV CO --------------

PLANT NAME	STATE	1980 RANK
SIBLEY	MISSOURI	121

-----------------RESPONDENT=MONONGAHELA POWER CO ---------------

PLANT NAME	STATE	1980 RANK
ALBRIGHT	WEST VIRGINIA	171
FT MARTIN	WEST VIRGINIA	44
HARRISON	WEST VIRGINIA	11

---------------RESPONDENT=N Y STATE ELEC & GAS CORP -------------

PLANT NAME	STATE	1980 RANK
GREENIDGE	NEW YORK	175

DIRECTORY OF THE 200 LARGEST SO2 EMITTERS (1976-1980)
INDEX OF PLANTS BY FORM 4 RESPONDING ENTITY

---------------RESPONDENT=N Y STATE ELEC & GAS CORP --------------

PLANT NAME	STATE	1980 RANK
MILLIKEN	NEW YORK	157

---------------RESPONDENT=NEW ENG GAS & ELEC ASSN ---------------

PLANT NAME	STATE	1980 RANK
CANAL	MASSACHUSETTS	69

---------------RESPONDENT=NEW ENGLAND ELEC SYSTEM ---------------

PLANT NAME	STATE	1980 RANK
BRAYTON	MASSACHUSETTS	58
SALEM HARBOR	MASSACHUSETTS	127

---------------RESPONDENT=NIAGARA MOHAWK POWER CORP --------------

PLANT NAME	STATE	1980 RANK
ALBANY	NEW YORK	183
DUNKIRK	NEW YORK	93
HUNTLEY	NEW YORK	96
OSWEGO	NEW YORK	190

---------------RESPONDENT=NORTHERN IND PUB SERV CO --------------

PLANT NAME	STATE	1980 RANK
BAILLY	INDIANA	101
MICHIGAN CITY	INDIANA	65
ROLLIN SCHAHFER	INDIANA	180

---------------RESPONDENT=NORTHERN STATES POWER CO --------------

PLANT NAME	STATE	1980 RANK
BLACK DOG	MINNESOTA	268
HIGH BRIDGE	MINNESOTA	221
KING	MINNESOTA	135
RIVERSIDE	MINNESOTA	222
SHERBURNE COUNTY	MINNESOTA	138

DIRECTORY OF THE 200 LARGEST SO2 EMITTERS (1976-1980)
INDEX OF PLANTS BY FORM 4 RESPONDING ENTITY

---------------------RESPONDENT=OHIO EDISON CO ------------------

PLANT NAME	STATE	1980 RANK
BURGER	OHIO	55
EDGEWATER	OHIO	255
NILES	OHIO	179
SAMMIS	OHIO	30
TORONTO	OHIO	182

--------------------RESPONDENT=OHIO POWER CO -------------------

PLANT NAME	STATE	1980 RANK
GAVIN	OHIO	1
KAMMER	WEST VIRGINIA	25
MITCHELL	WEST VIRGINIA	18
MUSKINGUM	OHIO	8

----------------RESPONDENT=OHIO VALLEY ELEC CORP ---------------

PLANT NAME	STATE	1980 RANK
KYGER CREEK	OHIO	15

---------------RESPONDENT=OMAHA PUBLIC POWER DIST --------------

PLANT NAME	STATE	1980 RANK
NORTH OMAHA	NEBRASKA	191

-----------------RESPONDENT=OTTER TAIL POWER CO ----------------

PLANT NAME	STATE	1980 RANK
BIG STONE	SOUTH DAKOTA	168

-----------------RESPONDENT=OWENSBORO (CITY OF) ----------------

PLANT NAME	STATE	1980 RANK
SMITH	KENTUCKY	112

---------------RESPONDENT=PACIFIC GAS & ELECTRIC CO -------------

PLANT NAME	STATE	1980 RANK
MOSS LANDING	CALIFORNIA	361
PITTSBURG	CALIFORNIA	346

DIRECTORY OF THE 200 LARGEST SO_2 EMITTERS (1976-1980)

INDEX OF PLANTS BY FORM 4 RESPONDING ENTITY

----------------RESPONDENT=PACIFIC POWER & LIGHT CO --------------

PLANT NAME	STATE	1980 RANK
CENTRALIA	WASHINGTON	73
JIM BRIDGER	WYOMING	125
JOHNSTON	WYOMING	165

----------------RESPONDENT=PENNSYLVANIA ELEC CO ---------------

PLANT NAME	STATE	1980 RANK
CONEMAUGH	PENNSYLVANIA	14
HOMER CITY	PENNSYLVANIA	20
KEYSTONE	PENNSYLVANIA	26
SEWARD	PENNSYLVANIA	181
SHAWVILLE	PENNSYLVANIA	80

---------------RESPONDENT=PENNSYLVANIA POWER CO ---------------

PLANT NAME	STATE	1980 RANK
BRUCE MANSFIELD	PENNSYLVANIA	88
NEW CASTLE	PENNSYLVANIA	193

---------------RESPONDENT=PENNSYLVANIA PWR & LGT CO -------------

PLANT NAME	STATE	1980 RANK
BRUNNER ISLAND	PENNSYLVANIA	27
MARTINS CREEK	PENNSYLVANIA	83
MONTOUR	PENNSYLVANIA	37
SUNBURY	PENNSYLVANIA	123

-----------------RESPONDENT=PHILADELPHIA ELEC CO ---------------

PLANT NAME	STATE	1980 RANK
EDDYSTONE	PENNSYLVANIA	141

---------------RESPONDENT=POTOMAC ELECTRIC PWR CO --------------

PLANT NAME	STATE	1980 RANK
CHALK	MARYLAND	97
DICKERSON	MARYLAND	132
MORGANTOWN	MARYLAND	47

DIRECTORY OF THE 200 LARGEST SO2 EMITTERS (1976-1980)
INDEX OF PLANTS BY FORM 4 RESPONDING ENTITY

----------------RESPONDENT=PUB SERV CO OF NEW HAMP ---------------

PLANT NAME	STATE	1980 RANK
MERRIMACK	NEW HAMPSHIRE	91

----------------RESPONDENT=PUB SERV CO OF NEW MEXICO -------------

PLANT NAME	STATE	1980 RANK
SAN JUAN	NEW MEXICO	423

----------------RESPONDENT=PUBLIC SERV CO OF IND INC -------------

PLANT NAME	STATE	1980 RANK
CAYUGA	INDIANA	35
GALLAGHER	INDIANA	84
GIBSON STATION	INDIANA	4
WABASH RIVER	INDIANA	76

----------------RESPONDENT=PUBLIC SERV ELEC & GAS CO -------------

PLANT NAME	STATE	1980 RANK
HUDSON	NEW JERSEY	204
MERCER	NEW JERSEY	185

----------------RESPONDENT=ROCHESTER GAS & ELEC CORP -------------

PLANT NAME	STATE	1980 RANK
ROCHESTER 7	NEW YORK	163

------------------RESPONDENT=SALT RIVER PROJECT ----------------

PLANT NAME	STATE	1980 RANK
NAVAJO	ARIZONA	82

----------------RESPONDENT=SAN ANTONIO PUB SERV BRD -------------

PLANT NAME	STATE	1980 RANK
J T DEELY	TEXAS	131

----------------RESPONDENT=SAVANNAH ELEC & PWR CO --------------

PLANT NAME	STATE	1980 RANK

DIRECTORY OF THE 200 LARGEST SO2 EMITTERS (1976-1980)
INDEX OF PLANTS BY FORM 4 RESPONDING ENTITY

---------------RESPONDENT=SAVANNAH ELEC & PWR CO ---------------

PLANT NAME	STATE	1980 RANK
PORT WENTWORTH	GEORGIA	262

---------------RESPONDENT=SO CAROLINA ELEC & GAS CO --------------

PLANT NAME	STATE	1980 RANK
CANADYS	SOUTH CAROLINA	154
WATEREE	SOUTH CAROLINA	116
WILLIAMS	SOUTH CAROLINA	246

---------------RESPONDENT=SO CAROLINA PUB SERV AUTH --------------

PLANT NAME	STATE	1980 RANK
GEORGETOWN	SOUTH CAROLINA	200
JEFFERIES	SOUTH CAROLINA	167

----------------RESPONDENT=SOUTHERN CALIF EDISON CO --------------

PLANT NAME	STATE	1980 RANK
MOHAVE	NEVADA	137

----------------RESPONDENT=SOUTHERN ILL PWR COOP ----------------

PLANT NAME	STATE	1980 RANK
MARION	ILLINOIS	226

---------------RESPONDENT=SOUTHERN INDIANA G & E CO --------------

PLANT NAME	STATE	1980 RANK
CULLEY	INDIANA	81
WARRICK	INDIANA	186

----------------RESPONDENT=SPRINGFIELD (CITY OF) ----------------

PLANT NAME	STATE	1980 RANK
DALLMAN	ILLINOIS	107
JAMES RIVER	MISSOURI	207

DIRECTORY OF THE 200 LARGEST SO_2 EMITTERS (1976-1980)
INDEX OF PLANTS BY FORM 4 RESPONDING ENTITY

----------------RESPONDENT=ST JOSEPH LGT & PWR CO ---------------

PLANT NAME	STATE	1980 RANK
LAKEROAD	MISSOURI	243

------------------RESPONDENT=TAMPA ELECTRIC CO -----------------

PLANT NAME	STATE	1980 RANK
BIG BEND	FLORIDA	24
GANNON	FLORIDA	114

----------------RESPONDENT=TENNESSEE VALLEY AUTH ---------------

PLANT NAME	STATE	1980 RANK
ALLEN	TENNESSEE	66
BULL RUN	TENNESSEE	118
COLBERT	ALABAMA	33
CUMBERLAND	TENNESSEE	2
GALLATIN	TENNESSEE	29
JOHNSONVILLE	TENNESSEE	31
KINGSTON	TENNESSEE	51
PARADISE	KENTUCKY	3
SEVIER	TENNESSEE	59
SHAWNEE	KENTUCKY	43
WATTS BAR	TENNESSEE	210
WIDOWS CREEK	ALABAMA	75

----------------RESPONDENT=TEXAS POWER AND LIGHT CO -------------

PLANT NAME	STATE	1980 RANK
BIG BROWN	TEXAS	95
MARTIN LAKE	TEXAS	113
MONTICELLO	TEXAS	74

----------------RESPONDENT=TOLEDO EDISON CO (THE) --------------

PLANT NAME	STATE	1980 RANK
ACME	OHIO	386
BAY SHORE	OHIO	194

------------------RESPONDENT=UNION ELECTRIC CO -----------------

PLANT NAME	STATE	1980 RANK
LABADIE	MISSOURI	9
MERAMEC	MISSOURI	156
RUSH ISLAND	MISSOURI	94

DIRECTORY OF THE 200 LARGEST SO2 EMITTERS (1976-1980)
INDEX OF PLANTS BY FORM 4 RESPONDING ENTITY

RESPONDENT=UNION ELECTRIC CO

PLANT NAME	STATE	1980 RANK
SIOUX	MISSOURI	42

RESPONDENT=UPPER PENINSULA GEN CO

PLANT NAME	STATE	1980 RANK
PRESQUE ISLE	MICHIGAN	197

RESPONDENT=UTAH POWER & LIGHT CO

PLANT NAME	STATE	1980 RANK
NAUGHTON	WYOMING	146

RESPONDENT=VIRGINIA ELEC & POWER CO

PLANT NAME	STATE	1980 RANK
CHESTERFIELD	VIRGINIA	151
MOUNT STORM	WEST VIRGINIA	48
PORTSMOUTH	VIRGINIA	267
POSSUM POINT	VIRGINIA	159
YORKTOWN	VIRGINIA	161

RESPONDENT=WEST PENN POWER CO

PLANT NAME	STATE	1980 RANK
ARMSTRONG	PENNSYLVANIA	143
HATFIELD	PENNSYLVANIA	19
MITCHELL	PENNSYLVANIA	178

RESPONDENT=WISCONSIN ELECTRIC PWR CO

PLANT NAME	STATE	1980 RANK
OAK CREEK	WISCONSIN	106
PORT WASHINGTON	WISCONSIN	105
S OAK CREEK	WISCONSIN	64
VALLEY	WISCONSIN	139

RESPONDENT=WISCONSIN PUB SERV CORP

PLANT NAME	STATE	1980 RANK
PULLIAM	WISCONSIN	120
WESTON	WISCONSIN	199

DIRECTORY OF THE 200 LARGEST SO_2 EMITTERS (1976-1980)
INDEX OF PLANTS BY FORM 4 RESPONDING ENTITY

----------------RESPONDENT=WISCONSIN PWR & LGT CO --------------

PLANT NAME	STATE	1980 RANK
COLUMBIA	WISCONSIN	134
EDGEWATER	WISCONSIN	85
NELSON DEWEY	WISCONSIN	153